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

Pacific Gas and Electric Company Core Gas Supply Cumulative Monthly CPIM Report (Year 20) November 01, 2012 - April 30, 2013

		CANADIAN AND U.S. GAS COSTS (1) PIPELINE RESERVATION CHARGES (2)						TOTAL CPIM PERFORMANCE					
	- Month/Year	Commodity Actuals	Commodity Benchmark	Benchmark - Actuals	Actuals	Benchmark	Total Actuals	Total Benchmark	Benchmark - Actuals				
Redacted													

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Commodity Purchases and Sales November 2012

Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)
Redacted							

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Reservation Charges & Other Costs/Revenues November 2012

cted	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary November 2012

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage November 2012

		Modified					
		Determined Use			Firm		
	Burner Tip	Grossed up	Modified		Storage	Incremental	Benchmark
	Modified	to Citygate	Determined	Operating	CPIM Profile	Storage	Load
	Determined	(Therms)	Use Therms	Imbalance	Injection/	Injection/	at Citygate
	Usage	(a)x(1+	Converted	Adjustment	(Withdrawal)	(Withdrawal)	(c)+(d)+(e)+(f)
	(Therms)	Shrinkage Rate)	to MMBtu	(MMBtu)	(MMBtu)	(MMBtu)	(MMBtu)
Date	(a)	(b)	(c)	(d)	(e)	(f)	(g)

Redacted (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d		(4)	(5)	(0)	(4)	(0)	(1)	(9)	
	Redacted								

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory November 2012

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

Nominations
Injection/ Imbalance Sales/ Ending
(Withdrawai) Trading Transfers Parking Inventory
(MMBtu) (MMBtu) (MMBtu) (MMBtu) (a)+(b)+(c)+(d)
Date (a) (b) (c) (d) (e)

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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Incremental Storage Inventory November 2012

Lodi Gas Storages, Inc

	Nominations	Equivalent	Ending
	at Field	at Citygate	Inventory
	(MMBtu)	(MMBtu) (1)	Beg Bal + (a)
Date	(a)	(b)	(c)

Redacted		

(1) Includes 1.0% shrinkage for injection.

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

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence November 2012

SEQUENCED VOLUMES AT CITYGATE

	Benchmark Load													
Date	at Citygate	Ruby	AECO	San Juan	Kingsgate	Kern River	AECO	AECO	Ruby	Ruby	San Juan Sar	า Juan	Topock	Citygate
Redacted													-	

Reddcled	

SEQUENCED VOLUMES AT CITYGATE

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary November 2012

INDICES AT CITYGATE

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

TOTAL COMMODITY BENCHMARK

	Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	c Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Total
R	edacted	t	•						•			•						•					

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs November 2012

	Volume (GJ)	Unit Cost/Rate (Can.\$) (c)/(a)	Fixed Transportation Costs (Can. \$)	Exchange Rate	Fixed Transportation Costs (U.S. \$)	
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 Capacity Release Revenue November 2012

Pipeline	Term	MMBtu	Amount	Avg. Rate	Discount/ (Premium) Amount
Redacted					

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Commodity Purchases and Sales December 2012

	Purchases (MMBtu)	Sales (MMBtu)	Net Purchases and Sales (MMBtu) (a)+(b)	Actual Commodity Costs	Volumetric Transportation Costs	Actual Commodity Sales	Total Net Costs (d)+(e)+(f)
Pipeline/Purchase Point	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Redacted							

Redacted	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary December 2012

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage December 2012

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Imbalance	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)	
Redacted								

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory December 2012

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

Nominations
Injection/ Imbalance Sales/ Ending
(Withdrawai) Trading Transfers Parking Inventory
(MMBtu) (MMBtu) (MMBtu) (MMBtu) (a)+(b)+(c)+(d)
(a) (b) (c) (d) (e)

	(4)	(5)	(0)	(4)	(0)	
Redacted						
reducted						
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1						
1						

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Incremental Storage Inventory December 2012

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

Lodi Gas Storages, Inc

	Nominations	Equivalent	Ending
	at Field	at Citygate	Inventory
	(MMBtu)	(MMBtu) (1)	Beg Bal + (a)
Date	(a)	(b)	(c)

Redacted			

(1) Includes 1.0% shrinkage for injection.

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

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence December 2012

SEQUENCED VOLUMES AT CITYGATE

Benchmark Load Date at Citygate Ruby AECO San Juan Kingsgate Kern River AECO AECO San Juan Ruby San Juan Ruby Topock Citygate Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary December 2012

		SEQUE	ACED AOTOL	MES AT CITYG	AIE			ļ		INDI	CES AT CITYGA	IE.					101	AL COMMODITY	BENCHMAR	<u>K.</u>			
Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Total	
Redact	:ed																						

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs December 2012

Redacted	Volume (GJ) (a) Redacted	Unit Cost/Rate (Can.\$) (c)/(a) (b)	Fixed Transportation Costs (Can. \$) (c)	Exchange Rate (d)	Fixed Transportation Costs (U.S. \$) (e)
	Redacted				

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Commodity Purchases and Sales January 2013

			Net Purchases				Total
	Dumah a a	Coloo	and Sales	Actual	Volumetric	Actual	Net
	Purchases (MMBtu)	Sales (MMBtu)	(MMBtu) (a)+(b)	Commodity Costs	Transportation Costs	Commodity Sales	Costs $(d)+(e)+(f)$
Pipeline/Purchase Point	(a)	(h)	(c)	(d)	(e)	(f)	(g)
Redacted	. ,				. ,		(3)

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Reservation Charges & Other Costs/Revenues January 2013

edacted	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary January 2013

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage January 2013

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)
Redacted							

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory January 2013

Nominations

Date	Injection/ (Withdrawal) (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/ Transfers (MMBtu) (c)	Parking (MMBtu) (d)	Ending Inventory (a)+(b)+(c)+(d) (e)
Redacted	()	(=)	(-)	()	(-)

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Incremental Storage Inventory January 2013

Logi Gas Storages, Inc											
Nominations	Equivalent	Ending									
at Field	at Citygate	Inventory									
(MMBtu)	(MMBtu) (1)	Beg Bal + (a)									

	Date	(a)	(b) (c)
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence January 2013

SEQUENCED VOLUMES AT CITYGATE

	Benchmark Load														
Date	at Citygate	Ruby	AECO	San Juan	Kingsgate	Kern River	AECO	AECO	Ruby	San Juan	Ruby	San Juan	Topock	Citygate	
Redacte	ed														

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary January 2013

	SCOOL	ACED AOEG	MES AT CITIE	ALE					11401	CES AT CITTOAT				TOTAL COMMODITY BENCHMAKK								
													PG&E Citygate Daily	Ι.								
Date Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate Daily	Ro Ro	Ruby ookies	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Total
Redacted													,									
Redacted																						

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs January 2013

Redacted	Volume (GJ) (a)	Unit Cost/Rate (Can.\$) (c)/(a) (b)	Fixed Transportation Costs (Can. \$) (c)	Exchange Rate (d)	Fixed Transportation Costs (U.S. \$) (e)
	Redacted				

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue January 2013

Pipeline	Term	MMBtu	Amount	Avg. Rate	Discount/ (Premium) Amount	
Redacted						

	Purchases (MMBtu)	Sales (MMBtu)	Net Purchases and Sales (MMBtu) (a)+(b)	Actual Commodity Costs	Volumetric Transportation Costs	Actual Commodity Sales	Total Net Costs (d)+(e)+(f)
Pipeline/Purchase Point	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Redacted							

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Reservation Charges & Other Costs/Revenues February 2013

Redacted	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary February 2013

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage February 2013

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)	
Redacted								

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory February 2013

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

Nominations
Injection/
(Withdrawal)
Date

Nominations
Injection/
(Withdrawal)
(MMBtu)
(MMBtu)
(MMBtu)
(MMBtu)
(MMBtu)
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Redacted

Nominations
Injection/
(MMBtu)
(MBtu)

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Incremental Storage Inventory February 2013

<u>Lodi Gas Storages, Inc</u>							
	Nominations	Equivalent	Ending				
	at Field	at Citygate	Inventory				
	(MMBtu)	(MMBtu) (1)	Beg Bal + (a)				
Date	(a)	(h)	_ (c) ` `				

	Date	(a)	(D)	(C)
Redacted				
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Confidential Material Submitted pursuant to General Order 66-C and P.U. Code Section 583

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence February 2013

SEQUENCED VOLUMES AT CITYGATE

Benchmark
Load

Date at Citygate Ruby AECO San Juan Kingsgate Kern River AECO AECO Ruby Ruby San Juan San Juan Topock Citygate

Redacted

Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary February 2013

		SEQUE	NCED VOLU	JMES AT CITYG	ATE			INDICES AT CITYGATE			TOTAL COMMODITY BENCHMARK											
Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Total
Reda						-									•							

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs February 2013

Redacted]	Volume (GJ) (a)	Unit Cost/Rate (Can.\$) (c)/(a) (b)	Fixed Transportation Costs (Can. \$) (c)	Exchange Rate (d)	Fixed Transportation Costs (U.S. \$) (e)
	Redacted			()		
	#					

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue February 2013

				Discount (Premiun	:/ n)
Pipeline	Term	MMBtu	Amount	Avg. Rate Amount	:
Redacted					

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Commodity Purchases and Sales March 2013

Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)
Redacted	(=)	(-)	(-)	(-)	(5)	· · /	(9)

Redacted	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary March 2013

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage March 2013

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Imbalance	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)
Redacted							

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory March 2013

	Nominations				
	Injection/	Imbalance	Sales/		Ending
	(Withdrawal)	Trading	Transfers	Parking	Inventory
	(MMBtu)	(MMBtu)	(MMBtu)	(MMBtu)	(a)+(b)+(c)+(d)
Date	(a)	(b)	(c)	(d)	(e)

Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Incremental Storage Inventory March 2013

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

Lodi Gas Storages, Inc

	Nominations	Equivalent	Ending
	at Field	at Citygate	Inventory
	(MMBtu)	(MMBtu) (1)	Beg Bal + (a)
Date	(a)	(b)	(c)

Redacted		
Redacted		

(1) Includes 1.0% shrinkage for injection.

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence March 2013

SEQUENCED VOLUMES AT CITYGATE

Benchmark	
Load	

Date at Citygate Ruby AECO San Juan Kingsgate Kern River AECO AECO Ruby Ruby San Juan San Juan Topock Citygate Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary March 2013

	SEQUENCED VOLUMES AT CITYGATE					INDICES AT CITYGATE					TOTAL COMMODITY BENCHMARK										
Date Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Total
Redacted							•							•							

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs March 2013

Redacted	Volume (GJ) (a)	Unit Cost/Rate (Can.\$) (c)/(a) (b)	Fixed Transportation Costs (Can. \$) (c)	Exchange Rate (d)	Fixed Transportation Costs (U.S. \$) (e)
	Redacted				

			Net Purchases				Total
Pipeline/Purchase Point	Purchases (MMBtu)	Sales (MMBtu)	and Sales (MMBtu) (a)+(b)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Net Costs (d)+(e)+(f) (g)
lacted	(a)	(b)	(c)	(u)	(e)	(1)	(9)
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary April 2013

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage April 2013

		Modified Determined Use			Fìrm		
Date	Burner Tip Modified Determined Usage (Therms) (a)	Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Operating Imbalance Adjustment (MMBtu) (d)	Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)
edacted							

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory April 2013

	Nominations				
	Injection/	Imbalance	Sales/		Ending
	(Withdrawal)	Trading	Transfers	Parking	Inventory
	(MMBtu)	(MMBtu)	(MMBtu)	(MMBtu)	(a)+(b)+(c)+(d)
Date	(a)	(b)	(c)	(d)	(e)

	(-)	(-)	(-)	(-)	(-)
Redacted					
L					

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 Incremental Storage Inventory April 2013

Lodi Gas Storages, Inc Nominations Equivalent

Date	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (1) (b)	Ending Inventory Beg Bal + (a) (c)
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence April 2013

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

SEQUENCED VOLUMES AT CITYGATE

	Benchmark Load														
Date	at Citygate	Ruby	AECO	San Juan	Kingsgate	Kern River	AECO	AECO	Ruby	Ruby	San Juan	San Juan	Topock	Citygate	
Redacte	d														

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary April 2013

	SECRETO VOLUMES AT CHITCARE						INDICES AT CITICALE						TOTAL COMMODITY BENCHMARK									
							1						PG&E									
			San		Kern		Ruby Rookies		San		Kern		Citygate	Ruby		San		Kern				
Date		AECO	Juan	Kingsgate	River	Topock Citygate	Rookies	AECO	3uan	Kingsgate	River	Topock	Daily	Rookies	AECO	3uan	Kingsgate	River	Topock	Citygate	Total	
Reda	cted																					
IXCua	cicu																					
1																						

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs April 2013

Redacted		Volume (GJ) (a)	Unit Cost/Rate (Can.\$) (c)/(a) (b)	Fixed Transportation Costs (Can. \$) (c)	Exchange Rate (d)	Fixed Transportation Costs (U.S. \$) (e)
	Redacted					

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Kingsgate Index November 01, 2012 - April 30, 2013

	Month/Year (a)	Kingsgate Index US \$/ MMBtu (1) (b)	GTNC Fuel % (c)	Kingsgate Index Grossed up (b)/[1-(c)] (d)	GTNC Volumetric Rate (e)	Total Index at Malin (d) + (e) (f)	CGT Fuel % (g)	Malin Index Grossed up (f)/[1-(g)] (h)	Redwood CGT Volumetric Rate (i)	Total Citygate Index (h)+(i) US \$/ MMBtu (j)
Redacted										

Redacted

		Conversion				AECO/ Kingsgate								Total Citygate
	AECO	of AECO		AECO		Index		Kingsgate		Total		Malin	Redwood	Index
	Index	Index to		Index	Monthly	(e)/(f)		Index	GTNC	Malin		Index	CGT	(m) + (n)
	Can \$/	Can \$/	Foothills	Grossed up	Exchange	US \$/	GTNC	Grossed up	Volumetric	Index	CGT	Grossed up	Volumetric	US \$/
Month/Year	GJ (1)	MMBtu (2)	Fuel %	(c)/[1-(d)]	Rate (3)	MMBtu	Fuel %	(g)/[1-(h)]	Rate	(i) + (j)	Fuel %	(k)/[1-(l)]	Rate	MMBtu
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation San Juan Index November 01, 2012 - April 30, 2013

	Month/Year (a)	San Juan Index US \$/ MMBtu (1) (b)	San Juan Index Grossed up (b)/[1-(c)] (d)	TW Volumetric Rate (e)	CGT Fuel % (g)	San Juan Index Grossed up (f)/ [1-(g)] (h)	Baja CGT Volumetric Rate (i)	Total Citygate Index (h)+(i) US \$/ MMBtu (j)
Redacted								

	Month/Year (a)	Rocky Mts. Index (1) US \$/ MMBtu (b)	Ruby Pipeline	Rocky Mts. Index Grossed up (b)/[1-(c)] (d)	Ruby Pipeline Volumetric Rate MMBtu (e)	Rocky Mts. Index Grossed up at Malin (d)+(e) (f)	CGT	Rocky Mts. Index Grossed up (f)/[1-(g)] (h)	Redwood CGT Volumetric Rate (i)	Total Citygate Index (h)+(i) US \$/ MMBtu (j)	
Redacted		,					(3)	,			

	Month/Year	PG&E Topock Index US \$/ MMBtu (1) (a)	CGT Shrinkage % (b)	Index Grossed up to Citygate (a)/[1-(b)] (c)	Baja CGT Volumetric Rate (d)	Topock Index at Citygate (c)+(d) US \$/ MMBtu (e)	
Redacted	, tortelly real	(4)	(5)	(0)	(4)	(0)	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Daily Price Conversion to Monthly Equivalent (1) November 01, 2012 - February 28, 2013

	DECEMB	ER 2012			JANUAR	Y 2013		FEBRUARY 2013					
Day of Month	Sequenced Volume at Topock (MMBtu) (a)	PG&E Daily Topock Index (2) (US\$/MMBtu) (b)	Benchmark \$ at Topock (a) x (b) (c)	Day of Month	Sequenced Volume at Topock (MMBtu) (d)	PG&E Daily Topock Index (2) (US\$/MMBtu) (e)	Benchmark \$ at Topock (d) x (e) (f)	Day of Month	Sequenced Volume at Topock (MMBtu) (g)	PG&E Daily Topock Index (2) (US\$/MMBtu) (h)	Benchmark \$ at Topock (g) x (h) (i)		
Redacted	(0)	(2)	(=)		(6)	(0)	(1)	1	(8)	(11)			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Kern River Index November 01, 2012 - April 30, 2013

Month/Year (a)	Rocky Mts Index US \$/ MMBtu (1) (b)	Kern River Fuel % (c)		Rocky Mts Index Grossed up To Daggett (d)+(e) (f)	Rocky Mts Index Grossed up (f)/ [1-(g)] (h)	Baja CGT Volumetric Rate (i)	Total Citygate Index (h)+(i) US \$/ MMBtu (j)	
Redacted								

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Core Supply Portfolio Composition November 01, 2012 - April 30, 2013

		MMBtu Purchases (1)					Average Price, U.S. \$				Percentage of Total	
	Month/Year	SW	BL	MM	Total	SW	BL	MM	Total	SW	BL	MM
Redacted												

Redacted	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Summary of Executed Hedging Transactions November 01, 2012 - April 30, 2013

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