Pacific Gas and Electric Company Core Gas Supply Cumulative Monthly CPIM Report (Year 19) November 01, 2011 - July 31, 2012

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

INTERSTATE AND	INTERSTATE AND CALIFORNIA GAS PURCHASES (1)		RESERVATIO	N CHARGES (2)	ΤΟΤΑΙ	CPIM PERFORM	IANCE
Commodity Actuals	Commodity Benchmark	Benchmark - Actuals	Pipeline Charges Actuals	Pipeline Charges Benchmark	Total Actuals	Total Benchmark	Benchmark - Actuals
	Commodity	Commodity Commodity		Commodity Commodity Benchmark - Pipeline Charges	Commodity Commodity Benchmark - Pipeline Charges Pipeline Charges	Commodity Commodity Benchmark - Pipeline Charges Pipeline Charges Total	Commodity Commodity Benchmark - Pipeline Charges Pipeline Charges Total Total

Canadian and U.S. gas commodity costs, includes physical and financial transactions. Volumetric costs to PG&E's Citygate are included.
Includes intrastate, applicable interstate and Canadian pipeline reservation charges net of capacity release revenue.

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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Commodity Purchases and Sales November 2011

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							

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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Reservation Charges & Other Costs/Revenues November 2011

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

Amount Redacted

California Gas Transmission	<u>Amount</u>	Foothills Pipelines Ltd.	Amount	Miscellaneous Costs and Revenues
Demand Charge:		Demand Charge	Redacted	Broker Fees
Baja Path	Redacted	Total Foothills Pipelines Ltd.		Cochrane Extraction Revenue
Redwood Path				Parking and Lending Charges
Firm Core Storage				Peaking Contract Demand Fees
Total California Gas Transmission		Nova Gas Transmission Ltd.	Amount	Usage Storage Charge
		Demand Charge	Redacted	Total Miscellaneous Costs and Revenues
		Total Nova Gas Transmission Ltd.		L
<u>El Paso Natural Gas Company</u>	Amount			
Demand Charge	Redacted			
Cap. Release Revenue		Ruby Pipeline	Amount	
Reservation Charge Discount		Demand Charge	Redacted	
Total El Paso Natural Gas Company	,	Total Ruby Pipeline		
Lodi Gas Storage, Inc.	Amount			
Demand Charge	Redacted			
Total Lodi Gas Storage, Inc.	,			
Gas Transmission Northwest Corporation	Amount			
Demand Charge	Redacted			
Total Gas Transmission Northwest Corporation				
Transwestern Pipeline Company	Amount			
Demand Charge	Redacted			
Reservation Charge Discount				
Total Transwestern Pipeline Company				

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary November 2011

Actual

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

Costs Commodity Costs and Revenues

Benchmark Benchmark -Costs Actual Costs

Redacted

Financial Transactions Redacted

Demand Charges

Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage November 2011

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 November 2011

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

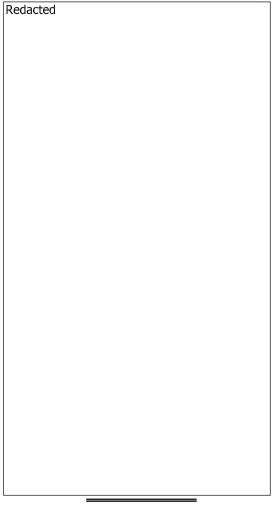
Date	Nominations Injection/ (Withdrawal) (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/ Transfers (MMBtu) (c)	Parking (MMBtu) (d)	Ending Inventory (a)+(b)+(c)+(d) (e)
Redacted					

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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Incremental Storage Inventory November 2011

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

	Lodi Gas Stor	ages, Inc	
	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu) (1)	Ending Inventory Beg Bal + (a)
Date	(a)	(b)	(c)



(1) Includes 1.0% shrinkage for injection.

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence November 2011

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 AECO Ruby San Juan AECO San Juan Ruby Topock Citygate Redacted

ted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary November 2011

SEQUENCED VOLUMES AT CITYGATE		INDICES AT CITYGA	<u>NTE</u>		ļ		TOTAL COM	MODITY BENCHMARK		
San Kern Date Ruby AECO Juan Kingsgate River Topock Citygate	Ruby Rookies AECO	San Juan Kingsgate	Kern River Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kern Kingsgate River Topock	Citygate	Total
Redacted	Redacted				Redacted					
					[L					

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs November 2011

Canadian	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					
U.S. Interstate	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (C)
Redacted	(0)				(0)
Intrastate Transmission		=			
Redacted					

<u>Storage</u> Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue November 2011

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

L

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Commodity Purchases and Sales December 2011

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							

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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Reservation Charges & Other Costs/Revenues December 2011

<u>California Gas Transmission</u> Demand Charge: Baja Path	Amount Redacted	<u>Foothills Pipelines Ltd.</u> Demand Charge Total Foothills Pipelines Ltd.	Amount Redacted
Redwood Path Firm Core Storage Total California Gas Transmission		<u>Nova Gas Transmission Ltd.</u>	Amount
	· · ·	Demand Charge Total Nova Gas Transmission Ltd.	Redacted
<u>El Paso Natural Gas Company</u> Demand Charge Reservation Charge Discount	Amount Redacted	Dudua Dinatia a	
Total El Paso Natural Gas Company		<u>Ruby Pipeline</u> Demand Charge Total Ruby Pipeline	Amount Redacted
<u>Lodi Gas Storage, Inc.</u> Demand Charge Injection/Withdrawal Charge Total Lodi Gas Storage, Inc.	Amount Redacted		
Gas Transmission Northwest Corporation Demand Charge Total Gas Transmission Northwest Corporation	Redacted		
<u>Transwestern Pipeline Company</u> Demand Charge Reservation Charge Discount Total Transwestern Pipeline Company	Amount Redacted		

Miscellaneous Costs and Revenues	Amount
Broker Fees	Redacted
Cochrane Extraction Revenue	
Total Miscellaneous Costs and Revenues	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary December 2011

	Actu Cos	ial Benchma ts Costs	ark Benchmark Actual Cost	- IS
Redacted				

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage December 2011

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

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							

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Date	Nominations 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 December 2011

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

Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Daily Benchmark Sequence December 2011

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 AECO AECO San Juan San Juan Ruby Ruby Topock Citygate Redacted

dacted		

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary December 2011

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

		SEQUENCE	ED VOLUMES	AT CITYGATE						INDI	CES AT CITYGAT	<u>re</u>					TOTAL	COMMODITY BENCHM	ARK		
Dat	e Ruby	AECO	San Juan	Kingsgate	Kern River T	Fopock	Citygate	Ruby Rookles	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kern Kingsgate River	Topock	Citygate	Total
Rec	acted							Redacte	ed						Redacte	ed					
								1													
]													

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Pacific Gas and Electric Company Core Gas Supply CPIM Benchmark Calculation Fixed Transportation and Storage Costs December 2011

<u>Canadian</u>	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					
U.S. Interstate Redacted	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (c)
		_			

Intrastate Transmission Redacted

<u>Storage</u>

Redacted

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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue December 2011

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

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

<u>California Gas Transmission</u> Demand Charge: Baja Path Redwood Path Firm Core Storage	Amount Redacted	<u>Foothills Pipelines Ltd.</u> Demand Charge Total Foothills Pipelines Ltd.	Amount Redacted	<u>Miscellaneous Costs and Revenues</u> Broker Fees Cochrane Extraction Revenue Total Miscellaneous Costs and Revenues	Amount Redacted
Total California Gas Transmissio	on	<u>Nova Gas Transmission Ltd.</u> Demand Charge Total Nova Gas Transmission Ltd.	Amount Redacted		
<u>El Paso Natural Gas Company</u> Demand Charge Reservation Charge Discount Total El Paso Natural Gas Compar	Amount Redacted	Ruby Pipeline Demand Charge Total Ruby Pipeline	Amount Redacted		
<u>Lodi Gas Storage, Inc.</u> Demand Charge Injection/Withdrawal Charge Total Lodi Gas Storage, In	Amount Redacted				
<u>Gas Transmission Northwest Corporation</u> Demand Charge Total Gas Transmission Northwest Corporatio	Redacted				
<u>Transwestern Pipeline Company</u> Demand Charge Reservation Charge Discount Total Transwestern Pipeline Compar	Amount Redacted				

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			
			+ - , , ,

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

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

Redacted

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

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

Lodi Gas Storages, Inc

	Nominations at Field	Equivalent at Citygate	Ending Inventory	
Date	(MMBtu) (a)	(MMBtu) (1) (b)	Beg Bal + (a) (c)	
Jale	(a)	(0)	(0)	

Date Redacted

(1) Includes 1.0% shrinkage for injection.

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

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

SEQUENCED VOLUMES AT CITYGATE

Benchmark Load

Red

	at Citygate	Ruby	AECO	San Juan	Kingsgate	San Juan	AECO	AECO	San Juan	Ruby	Ruby	Topock	Citygate
edacte	ed												

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

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		<u>IRK</u>	TY BENCHMA	COMMODIT	<u>TOTAL</u>						<u>TE</u>	ICES AT CITYGA	IND			SEQUENCED VOLUMES AT CITYGATE						
Total	Citygate	Topock	Kern ate River	Kingsga	San Juan	AECO	Ruby Rookies		PG&E Citygate Daily	Topock	Kern River	Kingsgate	San Juan	AECO	Ruby Rookies	Citygate	lern Iver Topock	Kingsgate Ri	San Juan	AECO	Ruby	Date
							dacted	R						ed	Redacte						icted	Reda

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

<u>Canadian</u> 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)
U.S. Interstate Redacted	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (C)

Intrastate Transmission Redacted

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<u>Storage</u> Redacted

No data matching criteria. 2012 - 31 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue January 2012

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

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

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

> Amount Redacted

California Gas Transmission	Amount	Foothills Pipelines Ltd.	Amount	Miscellaneous Costs and Revenues
Demand Charge:	Redacted	Demand Charge	Redacted	Broker Fees
Baja Path Redwood Path	Reudeleu	Total Foothills Pipelines Ltd.		Cochrane Extraction Revenue
Firm Core Storage				Total Miscellaneous Costs and Revenues
Cap. Release Revenue:		Neve Coo Transmission 1td	Amount	
Baja Path		<u>Nova Gas Transmission Ltd.</u> Demand Charge	Redacted	
Discounted/(Premium) Capacity Release		5		
Total California Gas Transmissio	or	Total Nova Gas Transmission Ltd.		
		Ruby Pipeline	Amount	
<u>El Paso Natural Gas Company</u>	<u>Amount</u>	Demand Charge	Redacted	
Demand Charge	Redacted	Total Ruby Pipeline	:	
Reservation Charge Discount				
Total El Paso Natural Gas Compa	ny			
Lodi Gas Storage, Inc.	Amount			
Demand Charge				
Injection/Withdrawal Charge	Redacted			
Total Lodi Gas Storage, Ir				
Total Loui Gas Storage, II				
Gas Transmission Northwest Corporation	Amount			
Demand Charge	Redacted			
Total Gas Transmission Northwest Corporation	on			
Transwestern Pipeline Company	Amount			
Demand Charge	Redacted			
Cap. Release Revenue				
Reservation Charge Discount				
Total Transwestern Pipeline Compar	ov ()			

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

Redacted	Actual Costs	Costs	Actual Costs

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

Date	Nominations 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 February 2012

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

<u>Lodi Gas Storages, Inc</u>

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

Redacted

(1) Includes 1.0% shrinkage for injection.

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

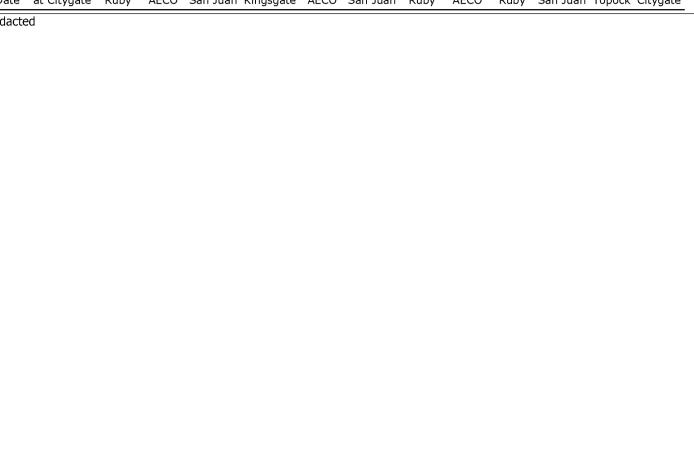
Confidential Material Submitted pursuant to General Order 66-C and P.U. Code Section 583

SEQUENCED VOLUMES AT CITYGATE

Benchmark Load

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

Redacted



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

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

		SEQUENCED	VOLUMES	AT CITYGATE	<u> </u>			1		INDIC	CES AT CITYGAT	<u>re</u>			ļ		TOTAL C	COMMODITY BE	NCHMAI	<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
Reda	cted							Redact	ed						Redacted							
L								1							IL							

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

<u>Canadian</u>	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		_			
U.S. Interstate	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (c)
Redacted					

Intrastate Transmission

Redacted

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<u>Storage</u>

Redacted

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

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California Gas Transmission

El Paso Natural Gas Company

Reservation Charge Discount

Total Transwestern Pipeline Company

Demand Charge:

Redwood Path

Demand Charge

Firm Core Storage

Baja Path

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

		March 2012		
as Transmission	Amount	Foothills Pipelines Ltd.	Amount	Miscellaneous Costs and Revenues
arge:		Demand Charge	Redacted	Broker Fees
	Redacted	Total Foothills Pipelines Ltd.		Cochrane Extraction Revenue
Path				Parking and Lending Charges
e Storage				Total Miscellaneous Costs and Revenues
Total California Gas Transmission		Nova Gas Transmission Ltd.	Amount	L
		Demand Charge	Redacted	
		Total Nova Gas Transmission Ltd.		
ural Gas Company	Amount			
large	Redacted			
Charge Discount		Ruby Pipeline	Amount	
Total El Paso Natural Gas Company		Demand Charge	Redacted	
		Total Ruby Pipeline		
orage, Inc.	Amount			
arge	Redacted			
Total Lodi Gas Storage, Inc.				
sission Northwest Corporation	Amount			

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

<u>Amount</u>

Redacted

Reservation Charge Discount Total El Paso Natural Gas Company		<u>Ruby Pipeline</u> Demand Charge Total Ru
<u>Lodi Gas Storage, Inc.</u> Demand Charge Total Lodi Gas Storage, Inc.	Amount Redacted	
<u>Gas Transmission Northwest Corporation</u> Demand Charge Total Gas Transmission Northwest Corporation	Amount Redacted	
<u>Transwestern Pipeline Company</u> Demand Charge Cap. Release Revenue	Amount Redacted]

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

	Actua Cost	al Benchmark s Costs	Benchmark - Actual Costs
Redacted			

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

Date	Nominations 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 March 2012

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

	Lodi Gas Storages, Inc							
	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu) (1)	Ending Inventory Beg Bal + (a)					
Date	(a)	(hinded) (1) (b)	(c)					
Redacted								

(1) Includes 1.0% shrinkage for injection.

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

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 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 2012

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

SEQUENCED VOLUMES AT C	CITYGATE		INDICES AT CITYGA	TE			TOTAL COMMODITY BENCHMARK	
	Kern ngsgate River Topock Citygate	Ruby Rookies AECO	San Juan Kingsgate	Kern River Topock	PG&E Citygate Daily	Ruby Rookies AECO	San Kern Juan Kingsgate River Topoci	< Citygate Total
Redacted		Redacted				Redacted		
						L		

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

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

<u>Canadian</u>	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					
U.S. Interstate	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (C)
Redacted					
Intrastate Transmission					

Redacted

<u>Storage</u>

Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue March 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 April 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							

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California Gas Transmission

Demand Charge:

Redwood Path

Firm Core Storage

Baja Path

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

	April 2012	
Amount Redacted	Foothills Pipelines Ltd. Demand Charge Total Foothills Pipelines Ltd.	<u>Amount</u> Redacted
r	<u>Nova Gas Transmission Ltd.</u> Demand Charge Total Nova Gas Transmission Ltd.	Redacted
Redacted	<u>Ruby Pipeline</u> Demand Charge Total Ruby Pipeline	Amount Redacted
Amount Redacted		

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

<u>Amount</u>

Redacted

Non-Winter Storage Hedging Parking and Lending Charges Total Miscellaneous Costs and Revenues

Miscellaneous Costs and Revenues

Cochrane Extraction Revenue

Broker Fees



El Paso Natural Gas Company <u>Amount</u> Demand Charge Redacted Reservation Charge Discount Total El Paso Natural Gas Company Lodi Gas Storage, Inc. Amount Demand Charge Redacte Injection/Withdrawal Charge Total Lodi Gas Storage, Inc. Gas Transmission Northwest Corporation Amount Demand Charge Redacted Total Gas Transmission Northwest Corporation Transwestern Pipeline Company <u>Amount</u> Demand Charge Redacted

Total California Gas Transmission

Reservation Charge Discount Total Transwestern Pipeline Company

SB GT&S 0756380

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

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

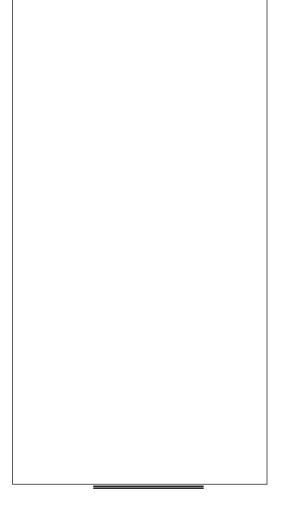
Date	Nominations Injection/ (Withdrawal) (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/ Transfers (MMBtu) (c)	Parking (MMBtu) (d)	Ending Inventory (a)+(b)+(c)+(d) (e)	
Redacted]

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

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

	Lodi Gas Storages, Inc						
	Nominations at Field	Equivalent at Citygate	Ending Inventory				
	(MMBtu)		Beg Bal + (a)				
Date	(a)	(b)	(c)				

Redacted



(1) Includes 1.0% shrinkage for injection.

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

SEQUENCED VOLUMES AT CITYGATE

Benchmark Load

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

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

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	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 Dally	Ruby Rookies	AECO	San Juan	Kern Kingsgate River	r Topock	Citygate	Total
Redacted						Redacte	d						Redacted						

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

Canadian 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)
U.S. Interstate	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (c)
Redacted					

Intrastate Transmission

Redacted

<u>Storage</u>

Redacted

2012 - 60

No data matching criteria. 2012 - 61 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue April 2012

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

2012 - 63

California Gas Transmission

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

May 2012		
Foothills Pipelines Ltd. Demand Charge Total Foothills Pipelines Ltd.	Amount Redacted	<u>Miscellaneous Costs and Revenues</u> Broker Fees Cochrane Extraction Revenue Non-Winter Storage Hedging Parking and Lending Charges
<u>Nova Gas Transmission Ltd.</u> Demand Charge Total Nova Gas Transmission Ltd.	Amount Redacted	Total Miscellaneous Costs and Revenues

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

<u>Amount</u>

Redacted

Demand Charge: Demand Charge Baia Path Redacted Total Foothills Pi Redwood Path Firm Core Storage Cap. Release Revenue: Nova Gas Transmission Baja Path Demand Charge Discounted/(Premium) Capacity Release Total Nova Gas Transr Total California Gas Transmission Ruby Pipeline <u>Amount</u> El Paso Natural Gas Company <u>Amount</u> Demand Charge Redacted Demand Charge Redacted Total Ruby Pipeline Reservation Charge Discount Total El Paso Natural Gas Company Lodi Gas Storage, Inc. <u>Amount</u> Demand Charge Redacted Injection/Withdrawal Charge Total Lodi Gas Storage, Inc. Amount Redacted Gas Transmission Northwest Corporation Demand Charge Total Gas Transmission Northwest Corporation Transwestern Pipeline Company <u>Amount</u> Demand Charge Redacted Cap. Release Revenue Reservation Charge Discount Total Transwestern Pipeline Company

<u>Amount</u>

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

Actual Costs	Benchmark Costs	Benchmark - Actual Costs	

Redacted			

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

Date	Nominations 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 May 2012

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

Lodi Gas Storages, Inc

	Nominations at Field	Equivalent at Citygate	Ending 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 May 2012

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 AECO AECO Ruby Ruby San Juan San Juan Topock Citygate

Redacted

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

SEQUENCED VOLUMES AT CITYGATE	1		INDIC	INDICES AT CITYGATE					TOTAL COMMODITY BENCHMARK			
San Kern Date Ruby AECO Juan Kingsgate River Topock Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookles	AECO	San Juan	Kern Kingsgate River Topock Citygate	Total
Redacted	Redacte	d						Redacted	1			
	P							·				

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

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

Canadian	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					
U.S. Interstate	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (c)
Redacted					
Intrastate Transmission					
Redacted					
Storage Redacted					

SB_GT&S_0756397

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue May 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 June 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							

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

California Gas Transmission Demand Charge: Baja Path Redwood Path Firm Core Storage Cap. Release Revenue:	Amount Redacted	<u>Foothills Pipelines Ltd.</u> Demand Charge Total Foothills Pipelines Ltd. Nova Gas Transmission Ltd.	Amount	<u>Amount</u> Redacted
Baja Path Discounted/(Premium) Capacity Release Total California Gas Transmission		Demand Charge Total Nova Gas Transmission Ltd.	Redacted	
<u>El Paso Natural Gas Company</u> Demand Charge Reservation Charge Discount Total El Paso Natural Gas Company	Redacted	<u>Ruby Pipeline</u> Demand Charge Cap. Release Revenue Total Ruby Pipeline	Amount Redacted	
Lodi Gas Storage, Inc. Demand Charge Injection/Withdrawal Charge Total Lodi Gas Storage, Inc.	Amount Redacted			
Total Gas Transmission Northwest Corporation	Amount Redacted			
<u>Transwestern Pipeline Company</u> Demand Charge Cap. Release Revenue Reservation Charge Discount Total Transwestern Pipeline Company	Amount Redacted			

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

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Modified Determined Usage June 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	l						

Date	Nominations 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 June 2012

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

Lodi Gas Storages, Inc

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

Redacted

(1) Includes 1.0% shrinkage for injection.

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

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 AECO AECO Ruby Ruby San Juan San Juan Topock Citygate



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

SEQUENCED VOLUMES AT CITYGATE		INDICES AT CITYGATE		TOTAL COMMODITY BENCHMARK			
San Ke Date Ruby AECO Juan Kingsgate Riv	rn Ruby er Topock Citygate Rookles AECO	San Kern Juan Kingsgate Ríver Topo	PG&E Citygate ck Daily	Ruby San Kern Rookles AECO Juan Kingsgate River Topock Citygate Total			
Redacted	Redacted			Redacted			

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

<u>Canadian</u>	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					
U.S. Interstate	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (c)
Redacted					
Intrastate Transmission Redacted					
Storage					

Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue June 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 July 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							

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

Amount Redacted California Gas Transmission Foothills Pipelines Ltd. Miscellaneous Costs and Revenues <u>Amount</u> Demand Charge: Broker Fees Demand Charge Baja Path Cochrane Extraction Revenue Redacted Total Foothills Pipelines Ltd. Redwood Path Non-Winter Storage Hedging Firm Core Storage Total Miscellaneous Costs and Revenues Cap. Release Revenue: Nova Gas Transmission Ltd. <u>Amount</u> Baja Path Demand Charge Redacted Redwood Path Total Nova Gas Transmission Ltd. Discounted/(Premium) Capacity Release Total California Gas Transmission Ruby Pipeline <u>Amount</u> Demand Charge Redacted El Paso Natural Gas Company Amount Cap. Release Revenue Redacted Demand Charge Total Ruby Pipeline Reservation Charge Discount **Overrun Charges** Total El Paso Natural Gas Company Kern River Gas Transmission <u>Amount</u> Demand Charge Redacted Cap. Release Revenue Lodi Gas Storage, Inc. Amount Reservation Charge Discount Demand Charge Redacted Total Kern River Gas Transmission Injection/Withdrawal Charge Total Lodi Gas Storage, Inc. Gas Transmission Northwest Corporation <u>Amount</u> Demand Charge Redacted Total Gas Transmission Northwest Corporation Transwestern Pipeline Company Amount Redacted Demand Charge Cap. Release Revenue Reservation Charge Discount Total Transwestern Pipeline Company

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

Amount

Redacted

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

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

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

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	d						

Date	Nominations 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 July 2012

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

Lodi Gas Storages, Inc

	Nominations at Field	Equivalent at Citygate	Ending 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 July 2012

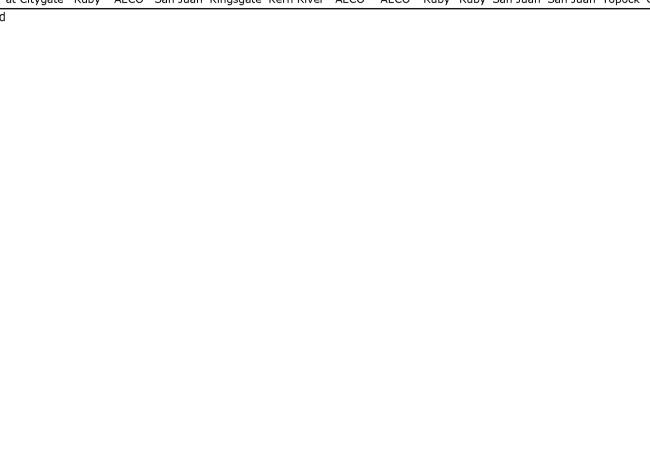
Confidential Material Submitted pursuant to General Order 66-C and P.U. Code Section 583

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

Redacted



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

		SEQUENC	ED VOLUME	S AT CITYGAT	E				INDICES AT CITYGATE					<u>TOTAL</u>	COMMODITY B	ENCHMARK				
Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topock Citygate	Ruby Rookies	PG&E Ruby San Kern Citygate Rookles AECO Juan Kingsgate River Topock Daily					PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock Citygate	Total
Reda	cted						Redact	ed						Redacted						
							<u> </u>													

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

<u>Canadian</u>	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					
<u>U.S. Interstate</u>	Volume (MMBtu) (a)	Unit Cost/Rate (U.S. \$) (c)/(a) (b)			Fixed Transportation and Storage Costs (U.S. \$) (c)
Redacted					
Intrastate Transmission Redacted]

<u>Storage</u>

Redacted

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue July 2012

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

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Kingsgate Index November 01, 2011 - July 31, 2012

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									

(1) CGPR NGX AB-NIT Month Ahead Index (7A) C\$/GJ + BC System As-Available Rate converted to US \$/MMBtu

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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 Calculation Malin Index November 01, 2011 - July 31, 2012

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

CGPR NGX AB-NIT Month Ahead Index (7A) C\$/GJ
A conversion rate of 1.055056 GJ/MMBtu is used.
This is the Canadian exchange rate at date of settlement.

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation San Juan Index November 01, 2011 - July 31, 2012

Month/Year (a)	San Juan Index US \$/ MMBtu (1) (b)	TW Contract 101629 Fuel % (c)	San Juan Index Grossed up (b)/[1-(c)] (d)	TW Volumetric Rate (e)	San Juan Index Grossed up To Topock (d)+(e) (f)	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									

(1) PER INSIDE FERC PUBLICATION

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Rocky Mountains Index November 01, 2011 - July 31, 2012 Confidential Material Submitted pursuant to General Order 66-C and P.U. Code Section 583

Month/Year (a)	Rocky Mts. Index (1) US \$/ MMBtu (b)	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 Fuel % (g)	Rocky Mts. Index Grossed up (f)/[1-(g)] (h)	Redwood CGT Volumetric Rate (i)	Total Citygate Index (h)+(i) US \$/ MMBtu (j)
Redacted								

(1) Per Inside FERC Publication, Northwest Pipeline - Rocky Mountains

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Index November 01, 2011 - July 31, 2012

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					

(1) NGI's Bidweek Survey Southern Border, PG&E

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Kern River Index November 01, 2011 - July 31, 2012

Month/Year (a)	Rocky Mts Index US \$/ MMBtu (1) (b)	Kern River Fuel % (c)		Rocky Mtsr 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, 2011 - July 31, 2012

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

	<u>MMBtu Pu</u>		<u>Ave</u>	erage Pi	rice, U.S	5. <u>\$</u>	Percentage of Total			
SW	BL	MM	Total	SW	BL	MM	Total	SW	BL	MM
	SW		<u>MMBtu Purchases (1)</u> SW BL MM							

MMBtu Purchases are volumes at point of purchase SW = Swing, or daily spot, less than one month duration BL = Baseload, one month duration, purchased for prompt (next) month MM = Multi-month, or purchased further out than prompt month

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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Utilization November 01, 2011 - July 31, 2012 Confidential Material Submitted pursuant to General Order 66-C and P.U. Code Section 583

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El Paso Natural Ga Month/Year Redacted	<u>s Company</u> Daily Volume (a)	Days in Month (b)	Contract Capacity (a) x (b) (c)	Capadty Release (1) (d)	Net Contract Capacity (c) + (d) (e)	Gas Received at Topock (f)	Percentage of Utilization (f) / (e) (2) (g)	<u>California Gas Tr</u> Month/Year	ansmission - Baja Daily Volume (a)	Days in Month (b)	Contract Capacity (a) x (b) (c)	Capacity Release (1) (d)	Net Contract Capacity (c) + (d) (e)	Gas Received at Citygate (f)	Percentage of Utilization (f) / (e) (2) (g)
Transwestern Pipel	line Company Daily	Days in	Contract Capacity	Ganadhy	Net Contract Capacity	Gas Received	Percentage of	<u>California Gas Tr</u>	ansmission - Redwi	ood Days in	Contract Capacity	Canacity	Net Contract Capacity	Gas Perceived	Percentage of Utilization
Month/Year Redacted	Volume (a)	Month (b)	(a) x (b) (c)	Capacity Release (1) (d)	(c) + (d) (e)	at Topock (f)	Utilization (f) / (e) (2) (g)	Month/Year	Volume (a)	Month (b)	(a) x (b) (c)	Capacity Release (1) (d)	(c) + (d) (e)	Received at Citygate (f)	(f) / (e) (2) (g)
Gas Transmission I	Northwest Corpo	ration						Ruby Pipeline							
Month/Year	Daily Volume (a)	Days in Month (b)	Contract Capacity (a) x (b) (c)	Capacity Release (1) (d)	Net Contract Capacity (c) + (d) (e)	Gas Received at Malin (f)	Percentage of Utilization (f) / (e) (2) (g)	Month/Year	Daily Volume (a)	Days in Month (b)	Contract Capacity (a) x (b) (c)	Capacity Release (1) (d)	Net Contract Capacity (c) + (d) (e)	Gas Received at (f)	Percentage of Utilization (f) / (e) (2) (g)
Redacted															
							_	<u>Kern River Gas T</u>	ransmission				Net		Percentage
								Month/Year	Daily Volume (a)	Days In Month (b)	Contract Capacity (a) x (b) (c)	Capacity Release (1) (d)	Contract Capacity (c) + (d) (e)	Gas Received at Daggett (f)	of Utilization (f) / (e) (2) (g)
								Redacted	1						

Includes any capacity assigned to Core Transport Agent (CTA) as well as releases to other parties.
Utilization may reflect interruptible transportation which can result in a % above 100%.

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Summary of Executed Hedging Transactions November 01, 2011 - July 31, 2012

				Winter H	ledging	Non-Winte				
				Options		Fixed for Floating Swaps		Fixed for Fl		
	ution onth	Coverage Period	CPIM Year	Volume (MMBtu)	Premium Cost	Volume (MMBtu)	Average Swap Price	Volume (MMBtu)	Average Swap Price	
										Redacted
L					_					

Notes: 1.) Report combines transactions at multiple supply points (could include AECO Hub, Rockies and/or San Juan Basin).

- 2.) All volumes are at points of transaction (typically in the supply basin).
- 3.) Fixed for Floating Swaps Average Swap Price includes impact of basis swaps if any apply.
- 4.) Non-winter hedges are executed in CPIM Year 19 but are not for winter hedging (storage hedges, basis swaps etc.) Non-winter hedges will be included in CPIM Year 19 actuals when settled, but will not create additional benchmark dollars.

All swaps at AECO are executed in Canadian dollars (CAD) per GJ to mirror Core Procurement's physical gas purchases. The CAD notional value is converted to USD using the spot FX rate at date of swap execution.