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

	INTERSTATE AND	CALIFORNIA GAS	PURCHASES (1)	RESERVATION	CHARGES (2)	TOTAL CPIM PERFORMANCE				
Month/Year	Commodity Actuals	Commodity Benchmark	Benchmark - Actuals	Pipeline Charges Actuals	Pipeline Charges Benchmark	Total Actuals	Total Benchmark	Benchmark - Actuals		
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⁽¹⁾ Canadian and U.S. gas commodity costs, includes physical and financial transactions. Volumetric costs to PG&E's Citygate are included. (2) Includes intrastate, applicable interstate and Canadian pipeline reservation charges net of capacity release revenue.

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
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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

Date	Nominations Injection/ (Withdrawal) (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/ Transfers (MMBtu) (c)	Ending Inventory (a)+(b)+(c)+(d) (e)	
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Lodi Gas Storages, Inc

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

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(1) Includes 1.0% shrinkage for injection.

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

SEQUENCED VOLUMES AT CITYGATE

Data	Benchmark Load	Duku	4500	Can Ivan	V:	4500	D., b.,	Con luna	4500	Con luca	Duku	Tanani. (Ditt.
Date	at Citygate	Ruby	AECO	San Juan	Kingsgate	AECO	Ruby	San Juan	AECO	San Juan	Ruby	тороск с	litygate
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary November 2011

	SEQUENCED VOLUMES AT CITYGATE					INDIC	CES AT CITYGAT	<u>E</u>					TOTAL CO	OMMODITY BE	NCHMARK						
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	
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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 Capacity Release Revenue November 2011

Redacted		

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

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

	Nominations				
	Injection/	Imbalance	Sales/		Ending
	(Withdrawal)	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 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		

(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 2011

SEQUENCED VOLUMES AT CITYGATE

Date	Benchmark Load at Citygate	Ruby	AECO	San Juan	Kingsgate	AECO	AECO	San Juan	San Juan	Ruby	Ruby	Topock	Citygate
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary December 2011

		SEQUENCE	ED VOLUMES	AT CITYGAT	<u>ē</u>		I		INDICES AT CITYGATE				TOTAL COMMODITY BENCHMARK								
Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	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
Redact	ed							•													

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

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

Date	(4)	(6)	(0)	(4)	(6)
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

Date (a) (b) (c)	Date	(· · · · · · · · · · · · · · · · · · ·		Ending Inventory Beg Bal + (a) (c)
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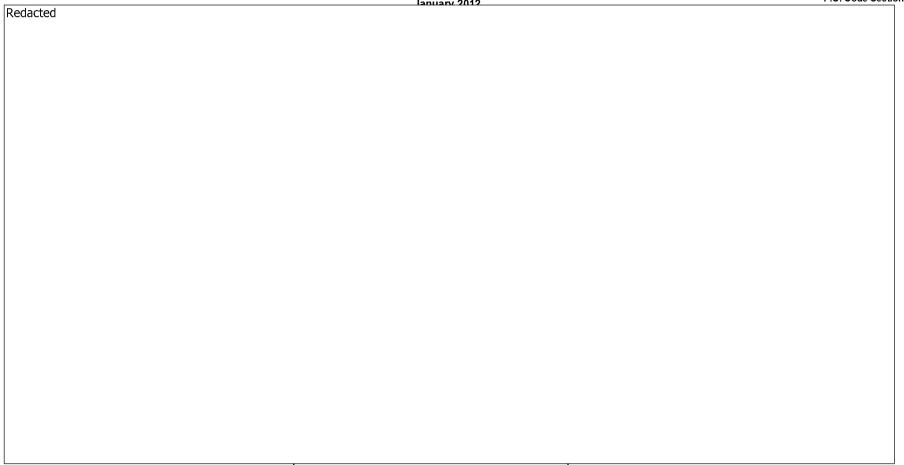
(1) Includes 1.0% shrinkage for injection.

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 January 2012

SEQUENCED VOLUMES AT CITYGATE

	Benchmark Load								_				
Date		Ruby	AECO	San Juan	Kingsgate	San Juan	AECO	AECO	San Juan	Ruby	Ruby	Topock	Citygate
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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)
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Reservation Charges & Other Costs/Revenues February 2012

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
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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)	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)
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory February 2012

Date	Nominations Injection/ (Withdrawal) (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/ Transfers (MMBtu) (c)	Parking (MMBtu) (d)	Ending Inventory (a)+(b)+(c)+(d) (e)
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Incremental Storage Inventory February 2012

	Lodi	Gas	Storag	es, In
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	Nominations	Equivalent	Ending
	at Field	at Citygate	Inventory
	(MMBtu)	(MMBtu) (1)	Beg Bal + (a)
Date	(a)	(b)	(c)

Date	(a)	(b)	(c)
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(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 February 2012

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	1												

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

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

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

Pipeline	Term	MMBtu	Amount	Discount/ (Premium) Avg. Rate Amount
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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)
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation CPIM Performance Summary March 2012

Actual

Benchmark Benchmark -

	Costs	Costs	Actual Costs
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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)	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)
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm Storage Inventory March 2012

	Nominations Injection/ (Withdrawal) (MMBtu)	Imbalance Trading (MMBtu)	Sales/ Transfers (MMBtu)		Ending Inventory (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 2012

Lodi Gas Storages, Inc

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

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(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 March 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

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

SEQUENCES VOLUMES AT CITYGATE					INDICES AT CITYGATE					TOTAL COMMODITY BENCHMARK											
Date	Ruby	AECO	San Juan	Kingsga	Kern te River	Topock	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River Topoc	k Citygate	Total
dacted								•													

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

	Pipeline	Term	MMBtu	Amount	Avg. Rate	(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)
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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)	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 April 2012

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					

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

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 April 2012

SEQUENCED VOLUMES AT CITYGATE

	Benchmark Load													
Date		Ruby	AECO	San Juan	Kingsgate	AECO	AECO	Ruby	Ruby	San Juan	San Juan	Topock	Citygate	
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary April 2012

		SEQUENCE	D VOLUME:	AT CITYGA	TE.			INDICES AT CITYGATE				TOTAL COMMODITY BENCHMARK									
Date	Ruby	AECO	San Juan	Kingsgate	Kern e River	Topock	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Dally	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River Topock	Citygate	Total
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No data matching criteria. 2012 - 61

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

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

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					

Lodi Gas Storages, Inc

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

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(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 May 2012

SEQUENCED VOLUMES AT CITYGATE

	Load												
Date	at Citygate	Ruby	AECO	San Juan	Kingsgate	AECO	AECO	Ruby	Ruby	San Juan	San Juan	Topock	Citygate
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SEQUENCED VOLUMES AT CITYGATE

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Daily Benchmark Summary May 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 Top	oock Citygat	e	Ruby Rookies	AECO	San 3uan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River T	opock Citygate	Total
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue May 2012

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

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					

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 June 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

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

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

	SEQUENCED	VOLUMES	AT CITYGATE					IND	ICES AT CITYGA	<u>TE</u>			TOTAL COMMODITY BENCHMARK						
Date Ruby	AECO	San Juan	Kingsgate	Kern River Topo	ock Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River Topock City	gate	Total
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue June 2012

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

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

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 July 2012

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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

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	1						

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

Nominations Injection/ (Withdrawal) (MMBtu) ImbalanceSales/EndingTradingTransfersParkingInventory(MMBtu)(MMBtu)(a)+(b)+(c)+(d)(b)(c)(d)(e) Date Redacted

Lodi Gas Storages, Inc

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

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 July 2012

SEQUENCED VOLUMES AT CITYGATE

	Benchmark Load													
Date		Ruby	AECO	San Juan	Kingsgate	Kern River	AECO	AECO	Ruby	Ruby	San Juan	San Juan	Topock	Citygate
Redacted	1													

SEQUENCED VOLUMES AT CITYGATE

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

INDICES AT CITYGATE

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

TOTAL COMMODITY BENCHMARK

	SECOLIN	CED VOLUM	ES AT CITTOAT			INDICES AT CITISATE.				•									
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 July 2012

Redacted			

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

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

Redacted	

Redacted		

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

Redacted	

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

Redacted	

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

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate)	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 August 2012

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					
					<u> </u>

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

Lodi Gas Storages, Inc

Data	Nominations at Field (MMBtu)	at Citygate (MMBtu) (1)	Ending Inventory 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 August 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	
Redacte	ed														

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

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

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	ALCO	Juan	Kingsgate	Nivei	тороск скудате	Rookies	ALCO	Juan	Kaigsgate	Rivei	Тороск	Bany	ROURIES	AECO	Juan	Kiigsgate	Nivei	тороск слудате	10081

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

Redacted	

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

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

	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
Redacted	d	, J	, <i>)</i>	χ-,	· · · ·	ν = ,	χ.,	, -, ·

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

Redacted			
	<u></u>		

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

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

Dat		Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate)	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)
Reda	acted							

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

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 September 2012

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 September 2012

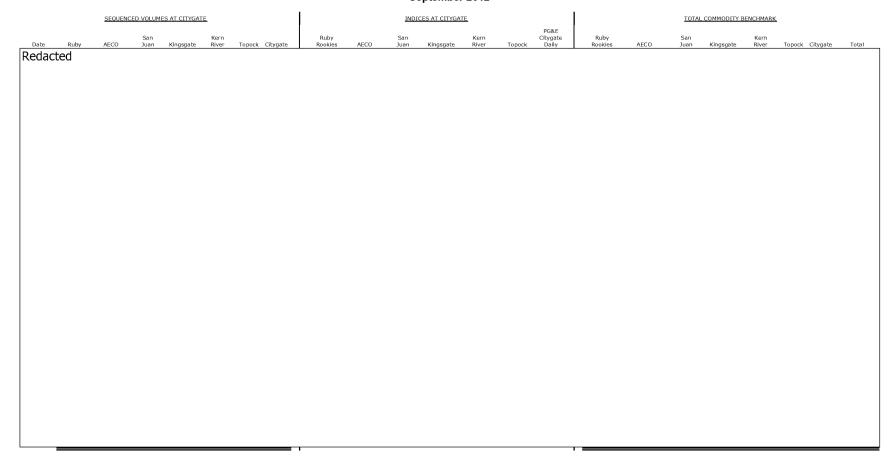
SEQUENCED VOLUMES AT CITYGATE

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 September 2012



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

Redacted	
<u> </u>	

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Release Revenue September 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 October 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	. ,	. ,	. ,	. ,	, ,	,	(0)

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

Redacted	

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

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

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

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 October 2012

Lodi Gas Storages, Inc

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

	(41)	(~)	(-)
Redacted			
Redacted			

(1) Includes 1.0% shrinkage for injection.

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

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

		SEQUENCE	ED VOLUME	S AT CITYGAT	<u>E</u>					INDI	CES AT CITYGAT	E					TOTAL	COMMODITY B	<u>ENCHMARK</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
Redacted							'														

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

Redacted		

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

		_				
Redacted						
	Tipeline	Term	Titribed	Amount	Avg. Nate	Amount
	Pipeline	Term	MMBtu	Amount	Avg. Rate	(Premium)
						Discount

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

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Malin Index November 01, 2011 - October 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)	Malin Index Grossed up (k)/[1-(l)] (m)	Redwood CGT Volumetric Rate (n)	Total Citygate Index (m) + (n) US \$/ MMBtu (o)
Redacted													

⁽¹⁾ CGPR NGX AB-NIT Month Ahead Index (7A) C\$/GJ (2) A conversion rate of 1.055056 GJ/MMBtu is used. (3) 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 - October 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 - October 31, 2012

Month/Year (a)	Rocky Mts. Index (1) US \$/ MMBtu (b)	Index	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 - October 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 - October 31, 2012

Month/Year (a)	Rocky Mts Index US \$/ MMBtu (1) (b)	Kern River Fuel % (c)	Rocky Mts Index Grossed up (b)/[1-(c)] (d)	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							

		Ave	Average Price, U.S. \$ Percentage					<u>f Total</u>			
Month/Year	SW	BL	MM	Total	SW	BL	MM	Total	SW	BL	MM
Redacted											

⁽¹⁾ 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

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Utilization November 01, 2011 - October 31, 2012

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

El Paso Natural G	as Company							California Gas Tr	ansmission - Baja						
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 Topock (f)	Percentage of Utilization (f) / (e) (2) (g)	Month/Year	Dally 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)
Redacted															

(1) Includes any capacity assigned to Core Transport Agent (CTA) as well as releases to other parties. (2) 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 - October 31, 2012

				Winter He	edaina	Non-Winte	r Hedging (4)		
			Ор	tions	<u>edging</u> Fixed for Flo	ating Swaps	Fixed for F	loating Swaps	
Execution Month	Coverage Period	CPIM Year	Volume (MMBtu)	Premium Cost	Volume	Average Swap Price	Volume (MMBtu)	Average Swap Price	Total Volume (MMBtu)
Redacted			•				•		
П									