

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

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

Month/Year	CANADIAN AND U.S. GAS COSTS (1)			PIPELINE RESERVATION CHARGES (2)		TOTAL CPIM PERFORMANCE		
	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**

**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
November 2012

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

Redacted

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

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

Actual
Costs Benchmark
Costs Benchmark -
Actual Costs

Redacted

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

**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					

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

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

Lodi Gas Storages, Inc

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

(1) Includes 1.0% shrinkage for injection.

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

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

SEQUENCED VOLUMES AT CITYGATE

Date	Benchmark Load 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
November 2012

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

<u>SEQUENCED VOLUMES AT CITYGATE</u>							<u>INDICES AT CITYGATE</u>					<u>TOTAL COMMODITY BENCHMARK</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
November 2012**

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

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

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

Confidential Material
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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**


**Confidential Material
Submitted pursuant to
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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
December 2012

Confidential Material
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Redacted



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

Confidential Material
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Actual
Costs Benchmark
Costs Benchmark -
Actual Costs

Redacted

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

**Confidential Material
Submitted pursuant to
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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 2012**

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

Lodi Gas Storages, Inc

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

(1) Includes 1.0% shrinkage for injection.

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

Confidential Material
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P.U. Code Section 583

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

Confidential Material
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P.U. Code Section 583

<u>SEQUENCED VOLUMES AT CITYGATE</u>							<u>INDICES AT CITYGATE</u>					<u>TOTAL COMMODITY BENCHMARK</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
December 2012

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

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	Redacted	Redacted	Redacted	Redacted	Redacted

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

**Confidential Material
Submitted pursuant to
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P.U. Code Section 583**

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

**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
January 2013

Confidential Material
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Redacted

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

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Actual
Costs Benchmark
Costs Benchmark -
Actual Costs

Redacted

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

**Confidential Material
Submitted pursuant to
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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)	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) (g)
Redacted							

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

**Confidential Material
Submitted pursuant to
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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					

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

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

Lodi Gas Storages, Inc

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

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

Confidential Material
Submitted pursuant to
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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
Redacted															

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

Confidential Material
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P.U. Code Section 583

<u>SEQUENCED VOLUMES AT CITYGATE</u>								<u>INDICES AT CITYGATE</u>						<u>TOTAL COMMODITY BENCHMARK</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
January 2013**

**Confidential Material
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General Order 66-C and
P.U. Code Section 583**

	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	Redacted				

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

**Confidential Material
Submitted pursuant to
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P.U. Code Section 583**

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

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

**Confidential Material
Submitted pursuant to
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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
February 2013

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Redacted

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

Confidential Material
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Actual
Costs Benchmark
Costs Benchmark -
Actual Costs

Redacted

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

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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
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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					

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

**Confidential Material
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P.U. Code Section 583**

Lodi Gas Storages, Inc

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

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

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

SEQUENCED VOLUMES AT CITYGATE

Date	Benchmark Load 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
February 2013

Confidential Material
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P.U. Code Section 583

<u>SEQUENCED VOLUMES AT CITYGATE</u>							<u>INDICES AT CITYGATE</u>					<u>TOTAL COMMODITY BENCHMARK</u>										
Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topeck	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topeck	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topeck	Citygate	Total
Redacted																						

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

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

	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					
Redacted					

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

Confidential Material
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P.U. Code Section 583

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 2013**

**Confidential Material
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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
March 2013

Confidential Material
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Redacted

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

Confidential Material
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P.U. Code Section 583

Actual Benchmark Benchmark -
Costs Costs Actual Costs

Redacted

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

Confidential Material
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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)	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
March 2013**

**Confidential Material
Submitted pursuant to
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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
March 2013**

**Confidential Material
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Lodi Gas Storages, Inc

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

(1) Includes 1.0% shrinkage for injection.

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

Confidential Material
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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

Confidential Material
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General Order 66-C and
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<u>SEQUENCED VOLUMES AT CITYGATE</u>							<u>INDICES AT CITYGATE</u>					<u>TOTAL COMMODITY BENCHMARK</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
March 2013

Confidential Material
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	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	Redacted	Redacted	Redacted	Redacted	Redacted

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

**Confidential Material
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P.U. Code Section 583**

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


**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
April 2013

Confidential Material
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Redacted

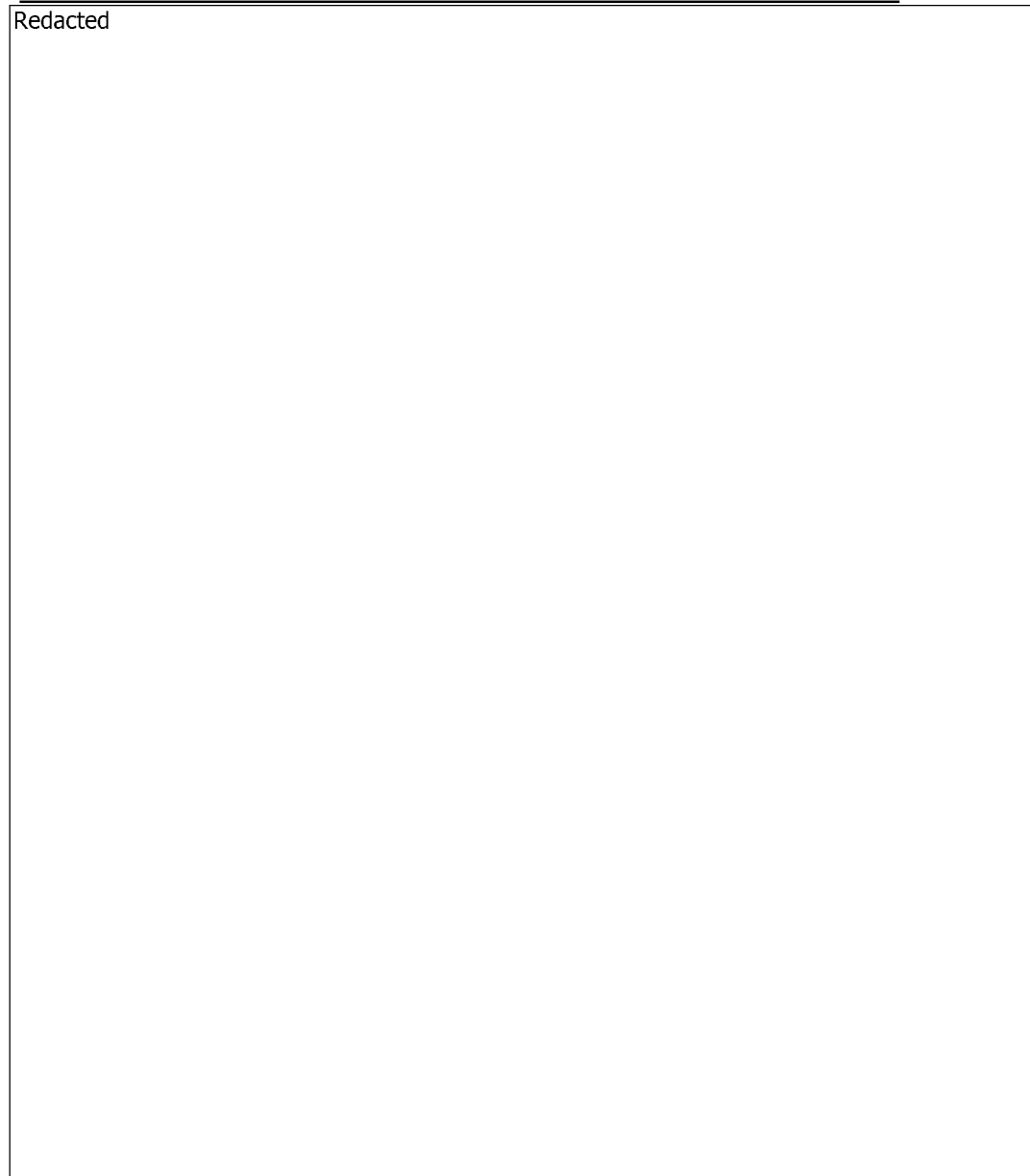


Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
CPIM Performance Summary
April 2013

Confidential Material
Submitted pursuant to
General Order 66-C and
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Actual Benchmark Benchmark -
Costs Costs Actual Costs

Redacted



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

**Confidential Material
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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 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 2013**

**Confidential Material
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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
April 2013**

**Confidential Material
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Lodi Gas Storages, Inc

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

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

Confidential Material
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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
April 2013

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<u>SEQUENCED VOLUMES AT CITYGATE</u>							<u>INDICES AT CITYGATE</u>						<u>TOTAL COMMODITY BENCHMARK</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
April 2013

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	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					
Redacted					

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

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

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

Month/Year	Kingsgate Index US \$/ MMBtu (1)	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)
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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Malin Index
 November 01, 2012 - April 30, 2013

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

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 % (l)	Malin Index Grossed up (k)/[1-(l)] (m)	Redwood CGT Volumetric Rate (n)	Total Citygate Index (m) + (n) US \$/ MMBtu (o)
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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 San Juan Index
 November 01, 2012 - April 30, 2013

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

Month/Year	San Juan Index US \$/ MMBtu (1)	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)	San Juan Index 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)
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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Rocky Mountains Index
 November 01, 2012 - April 30, 2013

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

Month/Year	Rocky Mts. Index (1) US \$/ MMBtu (a)	Ruby Pipeline Fuel % (c)	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)
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Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Topock Index
November 01, 2012 - April 30, 2013

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

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

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

DECEMBER 2012				JANUARY 2013				FEBRUARY 2013			
Day of Month	Sequenced Volume at Topock (MMBtu)	PG&E Daily Topock Index (2) (US\$/MMBtu)	Benchmark \$ at Topock (a) x (b)	Day of Month	Sequenced Volume at Topock (MMBtu)	PG&E Daily Topock Index (2) (US\$/MMBtu)	Benchmark \$ at Topock (d) x (e)	Day of Month	Sequenced Volume at Topock (MMBtu)	PG&E Daily Topock Index (2) (US\$/MMBtu)	Benchmark \$ at Topock (g) x (h)
	(a)	(b)	(c)		(d)	(e)	(f)		(g)	(h)	(i)
Redacted											

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

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

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

Confidential Material
Submitted pursuant to
General Order 66-C and
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Month/Year	SW	<u>MMBtu Purchases (1)</u>			<u>Average Price, U.S. \$</u>				<u>Percentage of Total</u>		
		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**

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

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