

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

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

Month/Year	INTERSTATE AND CALIFORNIA GAS PURCHASES (1)			RESERVATION CHARGES (2)		TOTAL CPIM PERFORMANCE		
	Commodity Actuals	Commodity Benchmark	Benchmark - Actuals	Pipeline Charges Actuals	Pipeline Charges Benchmark	Total Actuals	Total Benchmark	Benchmark - Actuals
Redacted								

(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

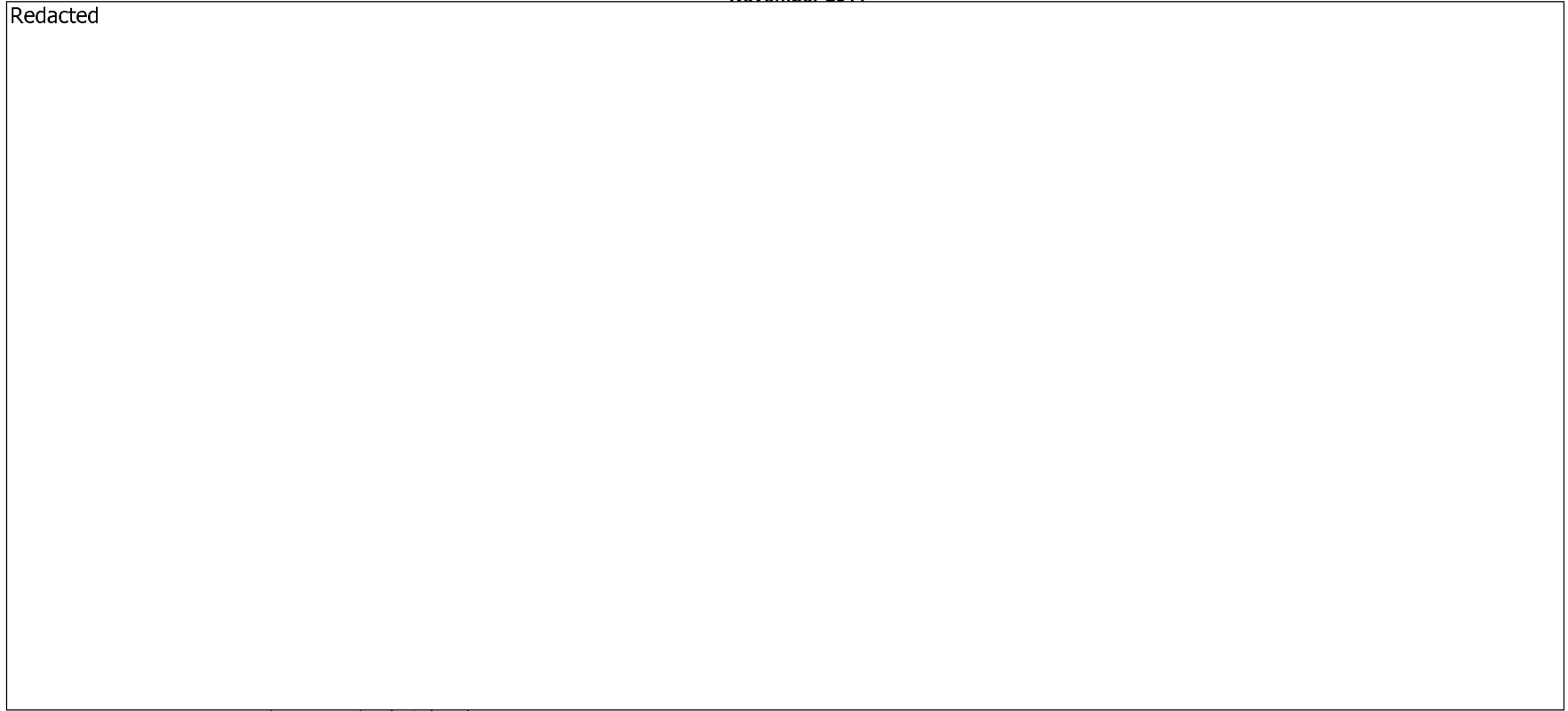
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Submitted pursuant to  
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P.U. Code Section 583

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  
November 2011

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Redacted



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

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P.U. Code Section 583

Actual  
Costs      Benchmark  
Costs      Benchmark -  
Actual Costs

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

**Confidential Material  
Submitted pursuant to  
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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)
Redacted			

(1) Includes 1.0% shrinkage for injection.

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

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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														



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

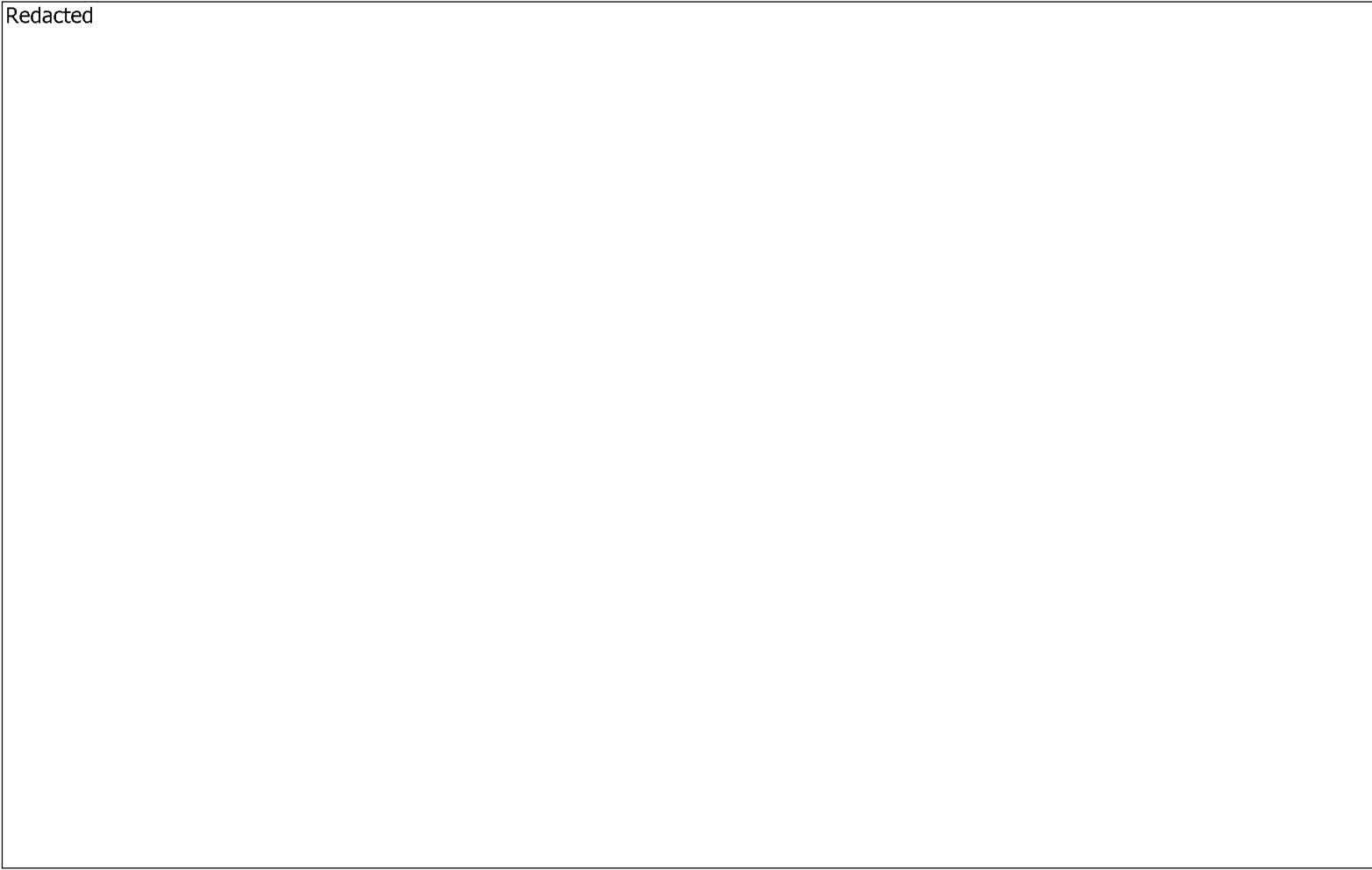
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P.U. Code Section 583

<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  
November 2011

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Redacted



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

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Redacted

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

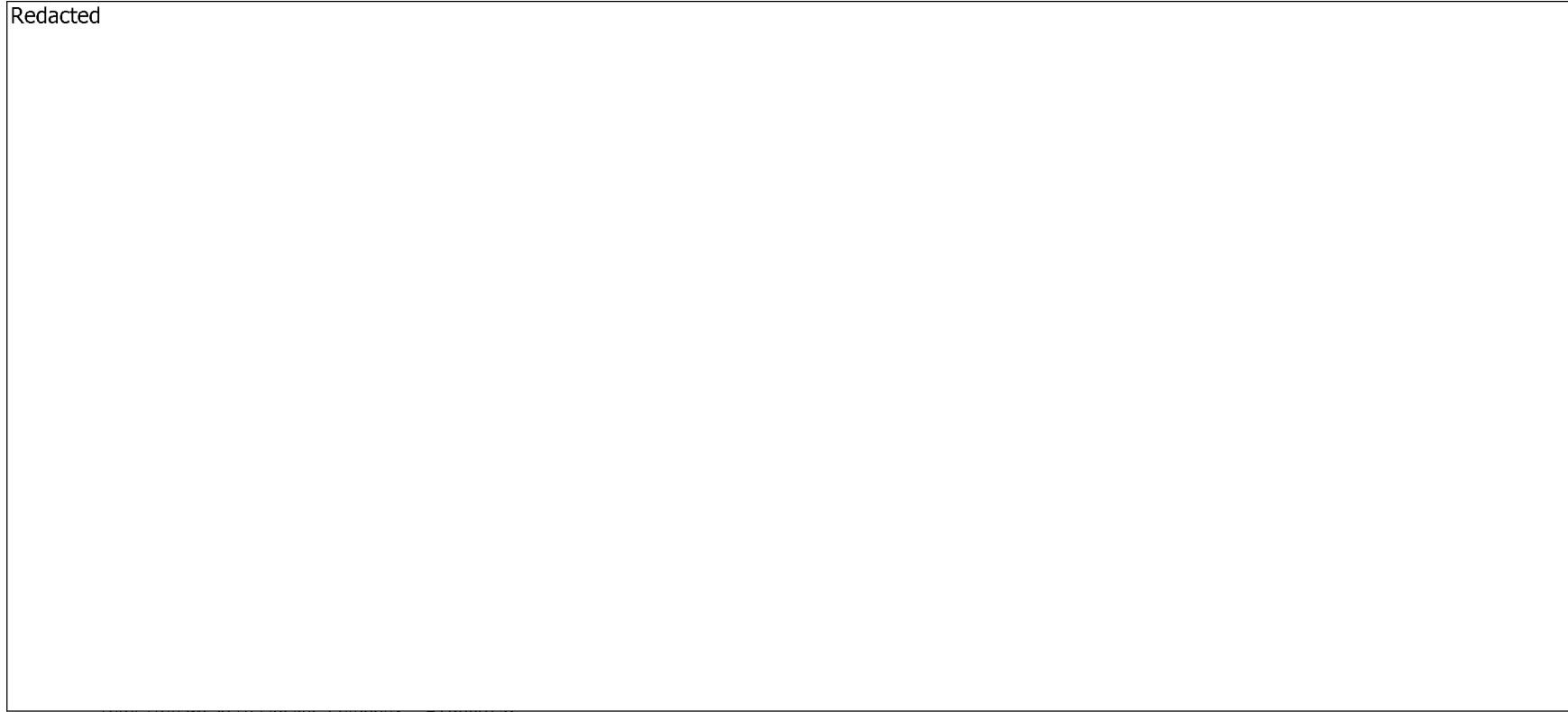
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Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)
Redacted							

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

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Redacted



Total reservation pipeline company 4,753,752

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

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Actual  
Costs      Benchmark  
Costs      Benchmark -  
Actual Costs

Redacted

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

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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  
December 2011**

**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  
December 2011**

**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  
December 2011

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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	AECO	AECO	San Juan	San Juan	Ruby	Ruby	Topock	Citygate
Redacted													

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

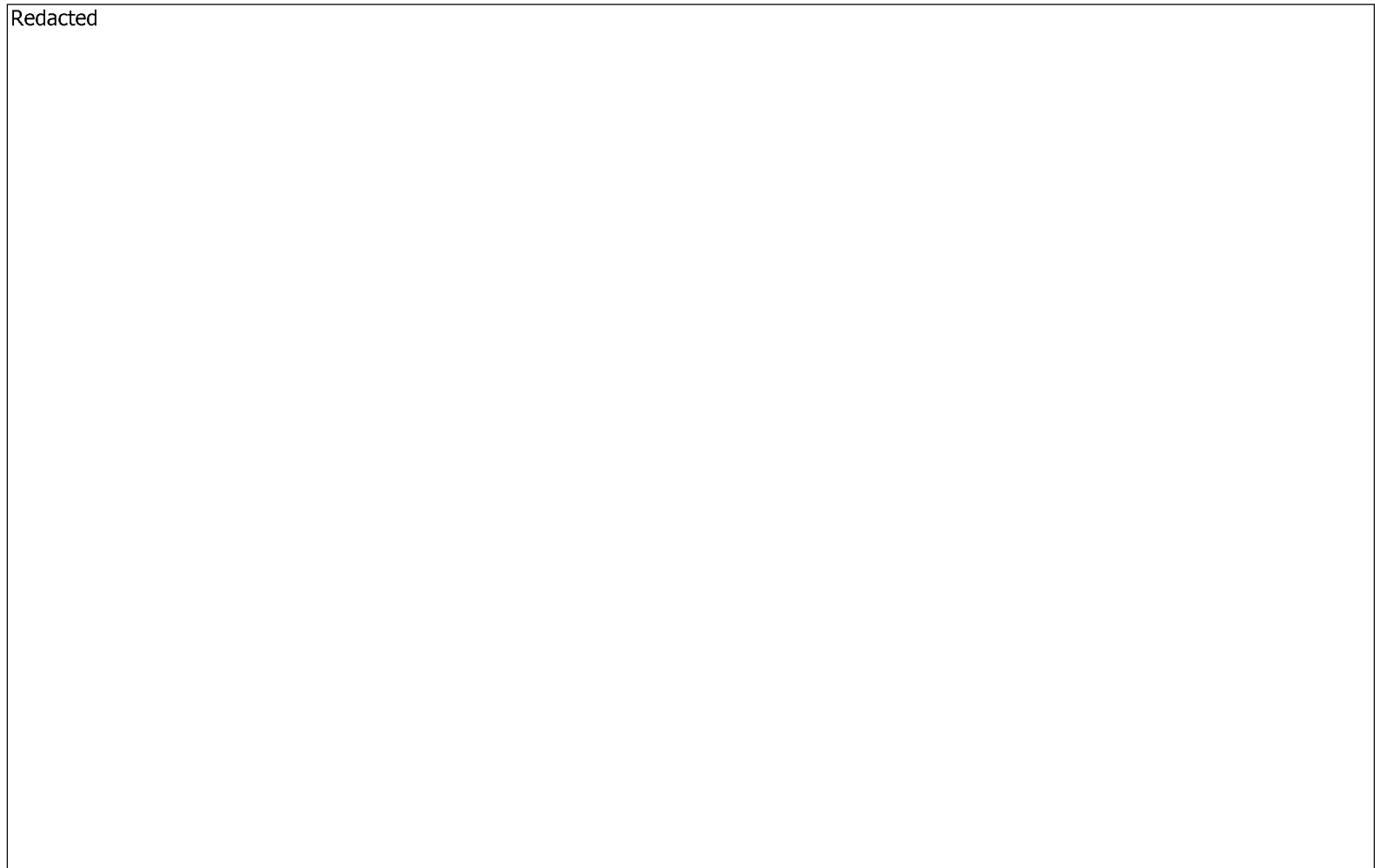
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<u>SEQUENCED VOLUMES AT CITYGATE</u>							<u>INDICES AT CITYGATE</u>					<u>TOTAL COMMODITY BENCHMARK</u>										
Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	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  
December 2011

Confidential Material  
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P.U. Code Section 583

Redacted



No data matching criteria.  
2012 - 21

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

**Confidential Material  
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General Order 66-C and  
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**Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Commodity Purchases and Sales  
January 2012**

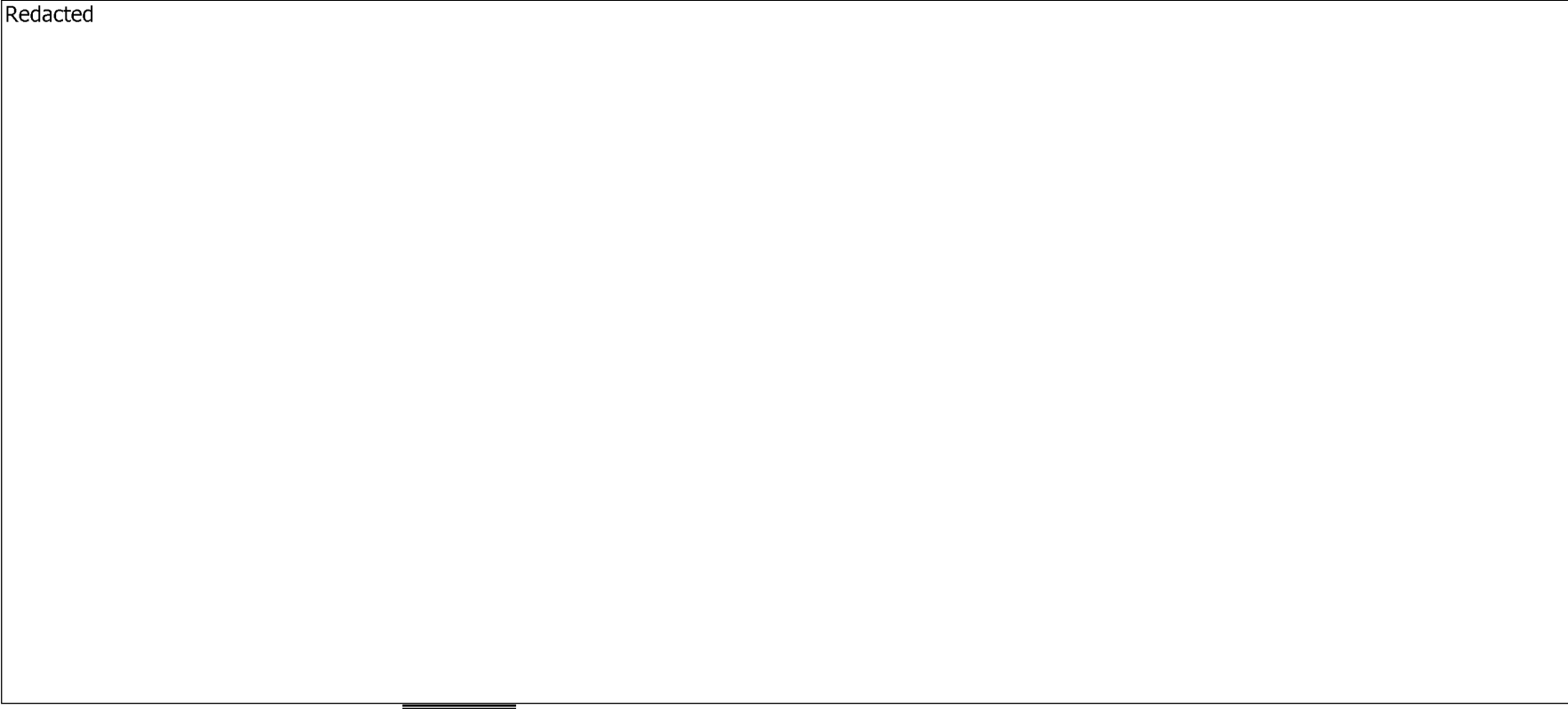
**Confidential Material  
Submitted pursuant to  
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Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)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

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

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Redacted



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

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P.U. Code Section 583

Actual      Benchmark      Benchmark -  
Costs      Costs      Actual Costs

Redacted
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**Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Modified Determined Usage  
January 2012**

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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  
January 2012**

**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  
January 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  
January 2012

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


SEQUENCED VOLUMES AT CITYGATE

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

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

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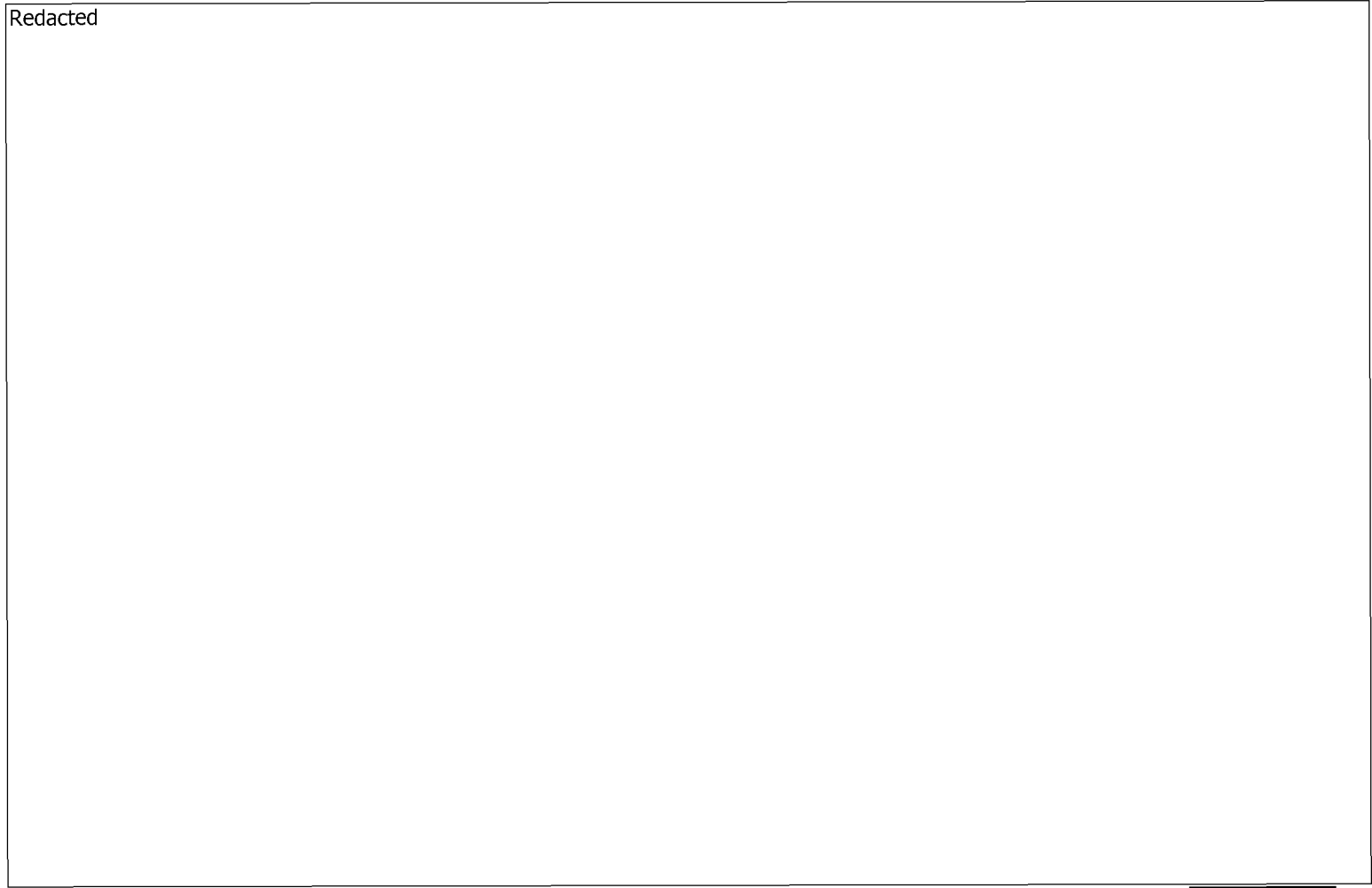
Redacted



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

Confidential Material  
Submitted pursuant to  
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Redacted



No data matching criteria.  
2012 - 31

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

**Confidential Material  
Submitted pursuant to  
General Order 66-C and  
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**Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Commodity Purchases and Sales  
February 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  
February 2012

Confidential Material  
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P.U. Code Section 583

Redacted



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

Confidential Material  
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P.U. Code Section 583

Actual  
Costs      Benchmark  
Costs      Benchmark -  
Actual Costs

Redacted
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**Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Modified Determined Usage  
February 2012**

**Confidential Material  
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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 2012**

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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  
February 2012**

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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  
February 2012

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P.U. Code Section 583

SEQUENCED VOLUMES AT CITYGATE

Date	Benchmark Load 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

<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  
February 2012

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

Confidential Material  
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General Order 66-C and  
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 2012**


**Confidential Material  
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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  
March 2012

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

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Actual      Benchmark      Benchmark -  
Costs      Costs      Actual Costs

Redacted

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

**Confidential Material  
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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  
March 2012**

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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 2012**

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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 2012

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SEQUENCED VOLUMES AT CITYGATE

Date	Benchmark Load 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  
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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 2012**

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Redacted

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


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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  
April 2012

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

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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  
April 2012**

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

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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  
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Lodi Gas Storages, Inc

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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  
April 2012

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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

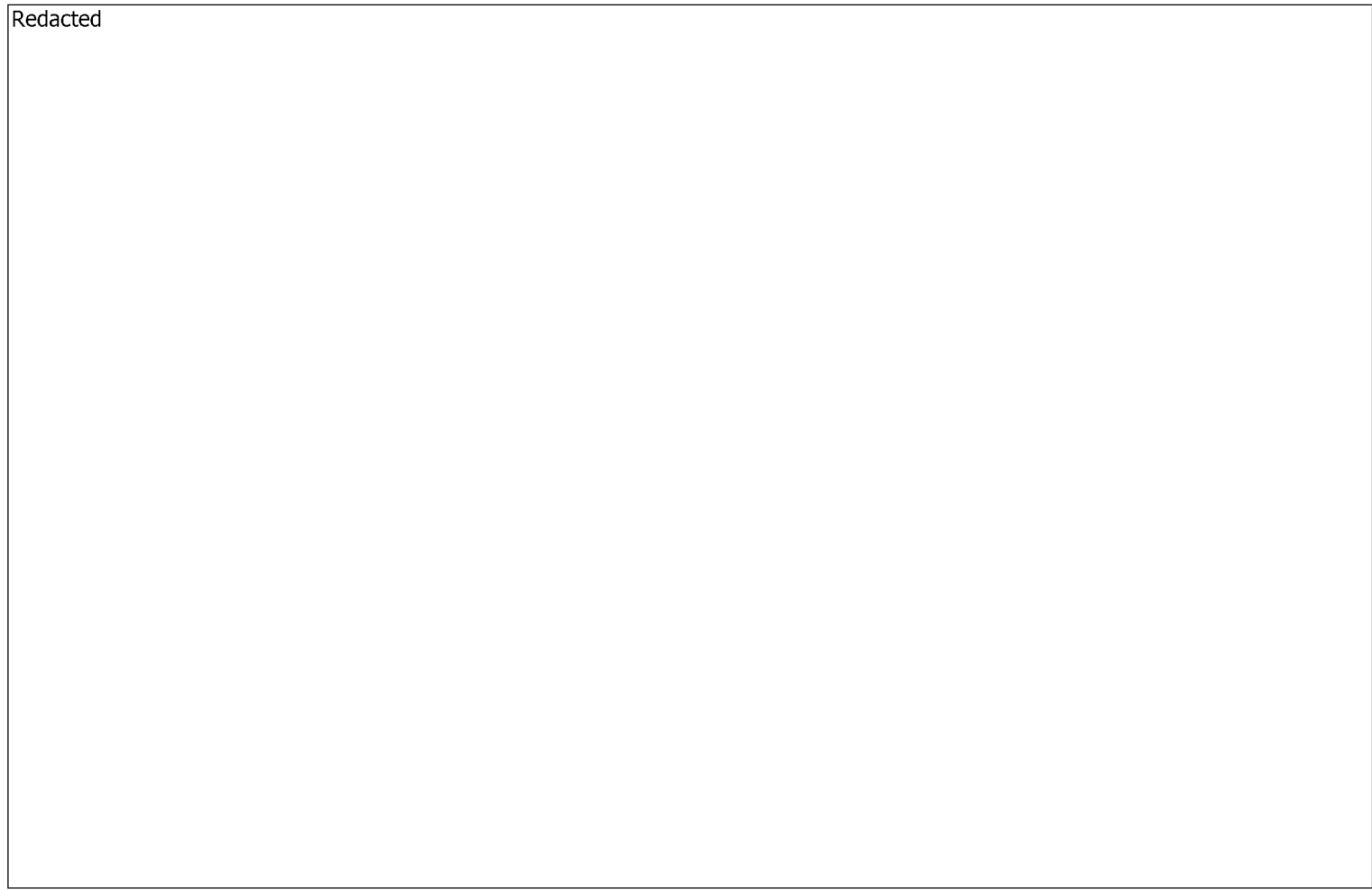
Confidential Material  
Submitted pursuant to  
General Order 66-C and  
P.U. Code Section 583

<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  
April 2012

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

Redacted



No data matching criteria.  
2012 - 61

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

**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  
Commodity Purchases and Sales  
May 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  
May 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  
May 2012

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

Actual      Benchmark      Benchmark -  
Costs      Costs      Actual Costs

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

Confidential Material  
Submitted pursuant to  
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  
May 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  
Capacity Release Revenue  
May 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  
Commodity Purchases and Sales  
June 2012**

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

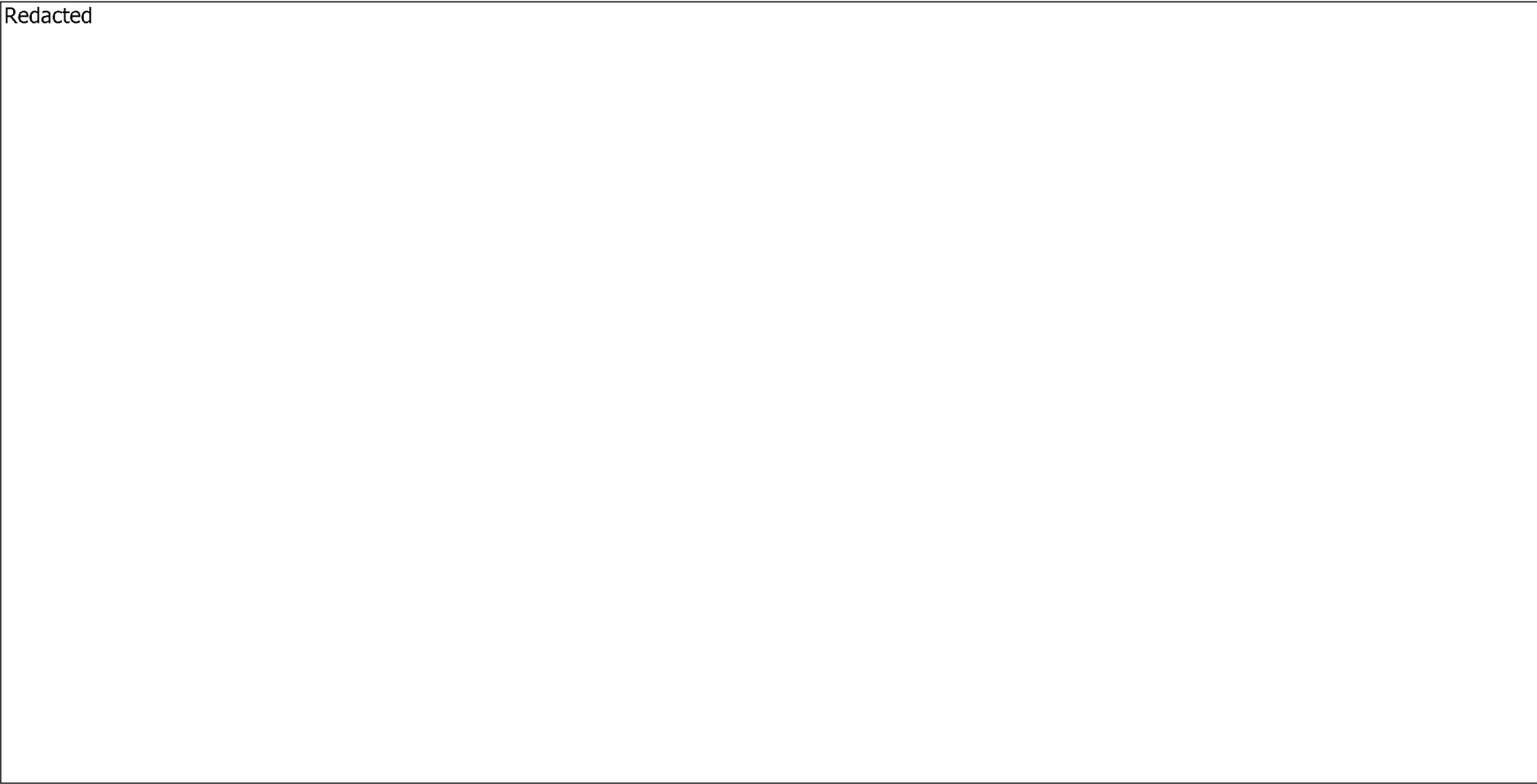
Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)
Redacted							



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

Confidential Material  
Submitted pursuant to  
General Order 66-C and  
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  
June 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  
June 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  
June 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  
June 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	AECO	AECO	Ruby	Ruby	San Juan	San Juan	Topock	Citygate
Redacted													

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

<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  
June 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  
Capacity Release Revenue  
June 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  
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

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  
July 2012

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

Actual      Benchmark      Benchmark -  
Costs      Costs      Actual Costs

Redacted
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**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)	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  
July 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  
July 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  
July 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  
July 2012

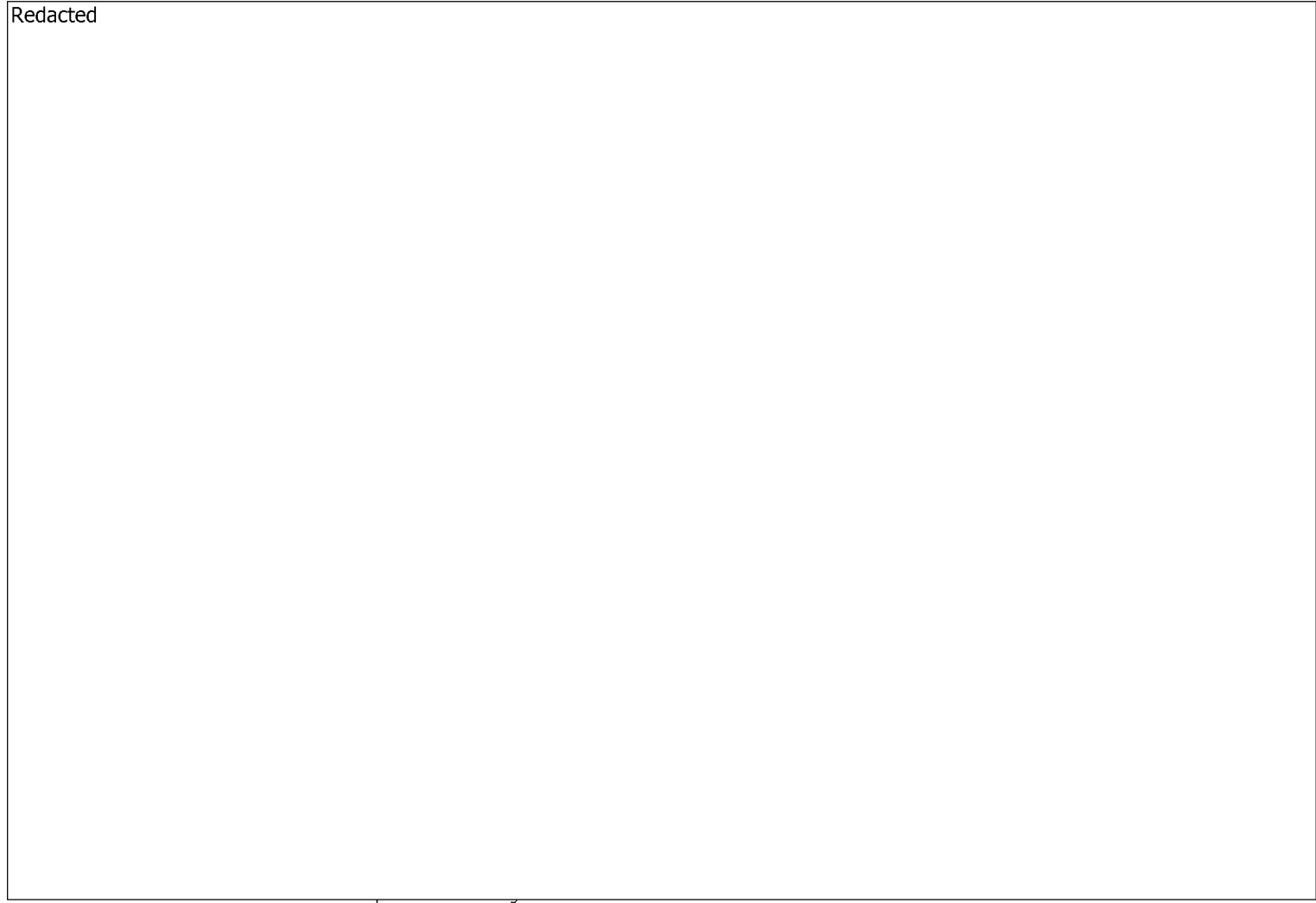
Confidential Material  
Submitted pursuant to  
General Order 66-C and  
P.U. Code Section 583

<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  
July 2012

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

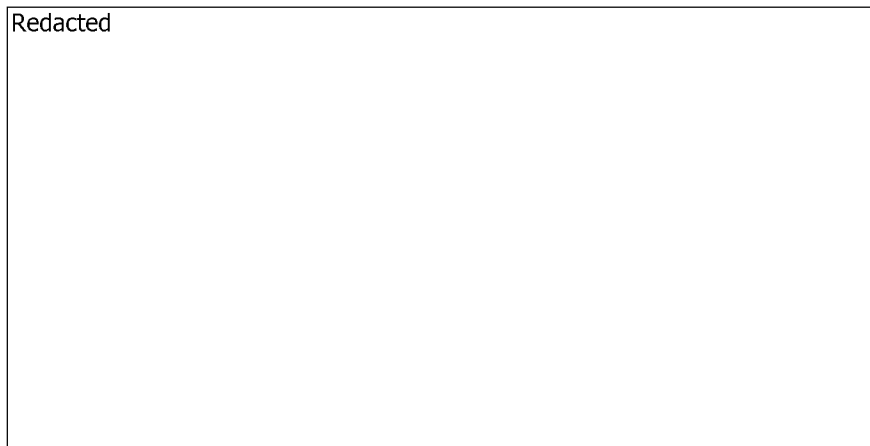
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Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release Revenue  
July 2012

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  
Commodity Purchases and Sales  
August 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  
Reservation Charges & Other Costs/Revenues  
August 2012

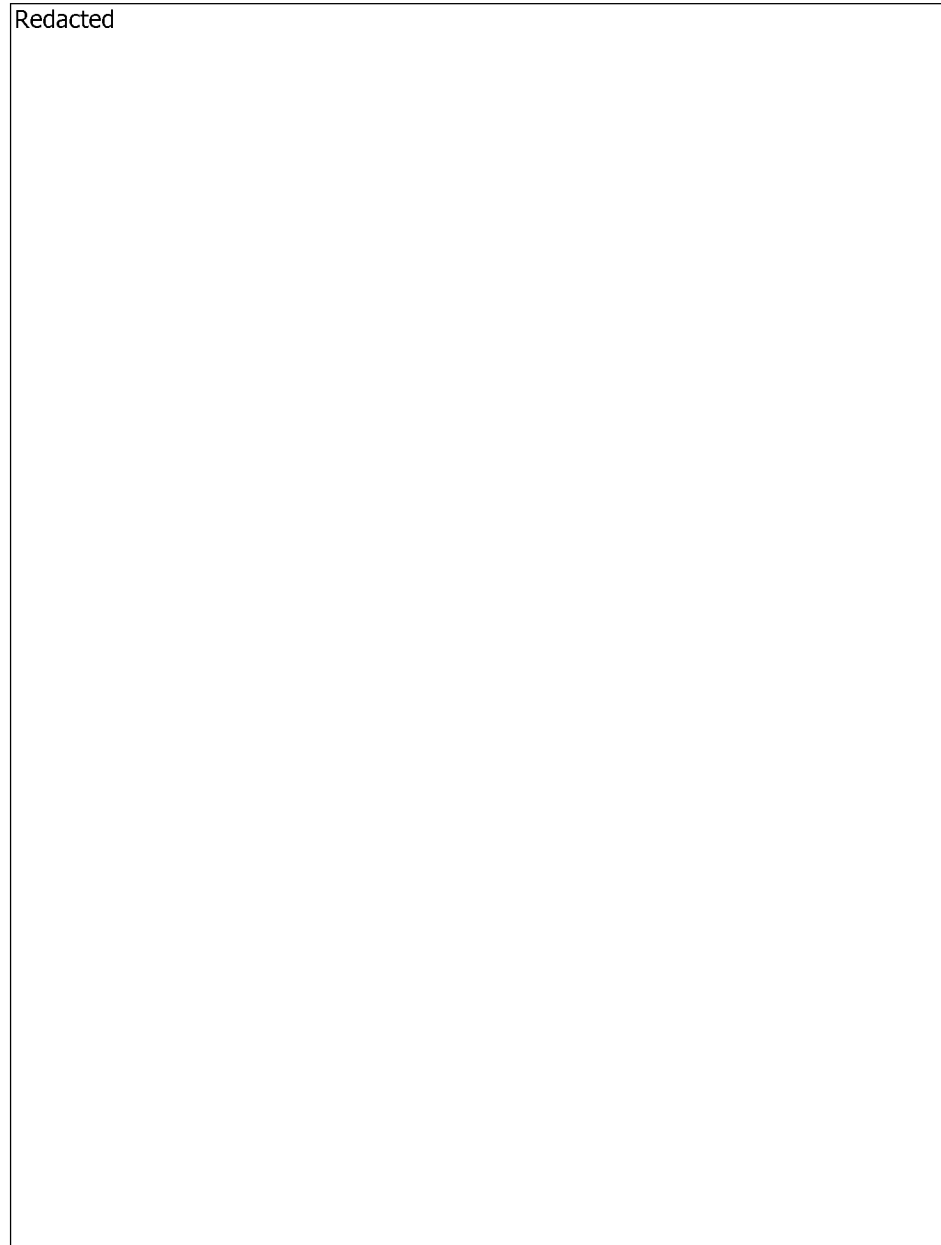
Confidential Material  
Submitted pursuant to  
General Order 66-C and  
P.U. Code Section 583

Redacted

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

Redacted

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

<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 Rookles	AECO	San Juan	Kingsgate	Kern River	Topock	PG&E Citygate Daily	Ruby Rookles	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  
August 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  
Capacity Release Revenue  
August 2012

Confidential Material  
Submitted pursuant to  
General Order 66-C and  
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  
September 2012**

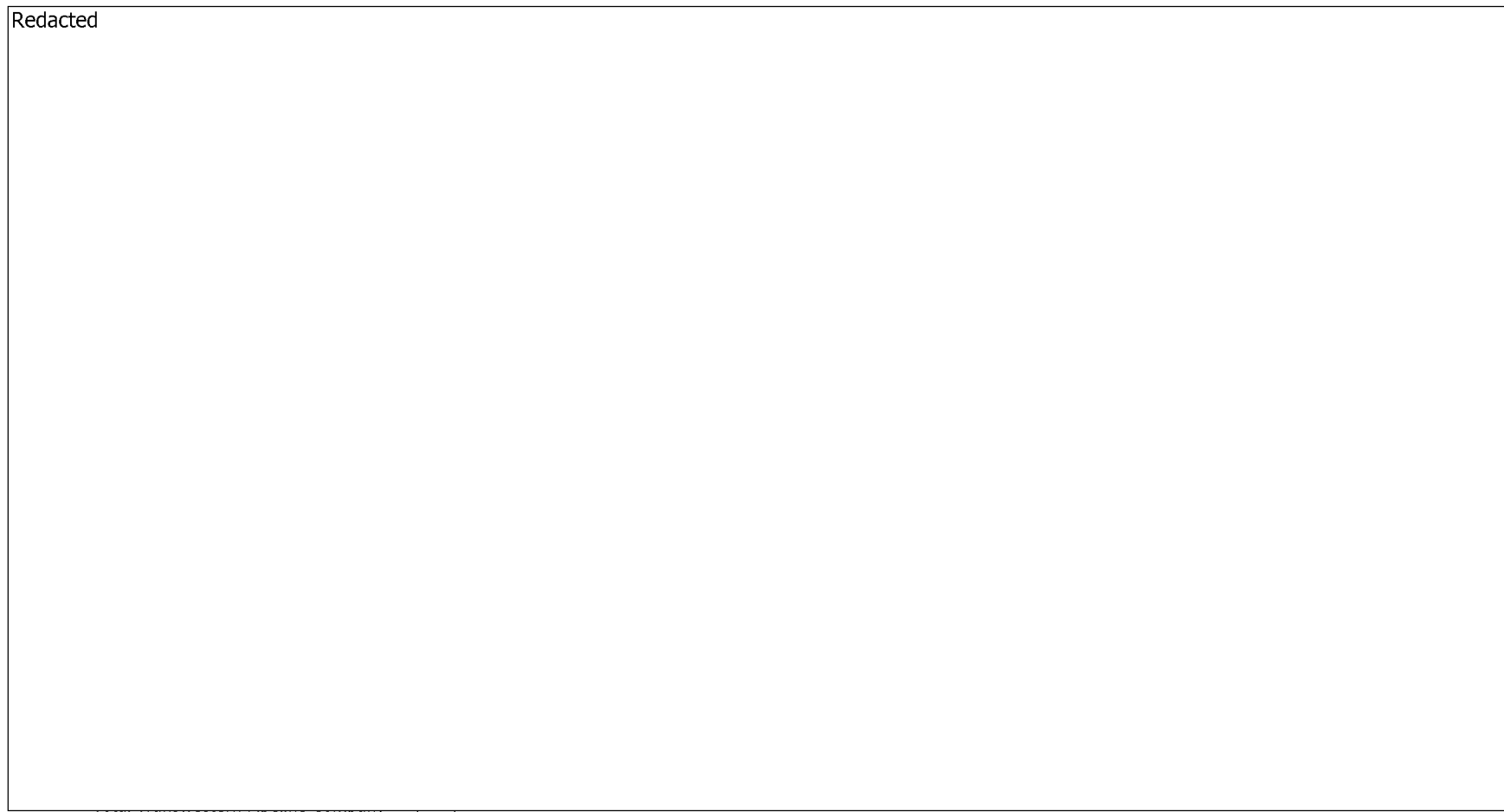
**Confidential Material  
Submitted pursuant to  
General Order 66-C and  
P.U. Code Section 583**

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  
September 2012

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  
September 2012

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

Actual      Benchmark      Benchmark -  
Costs      Costs      Actual Costs

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

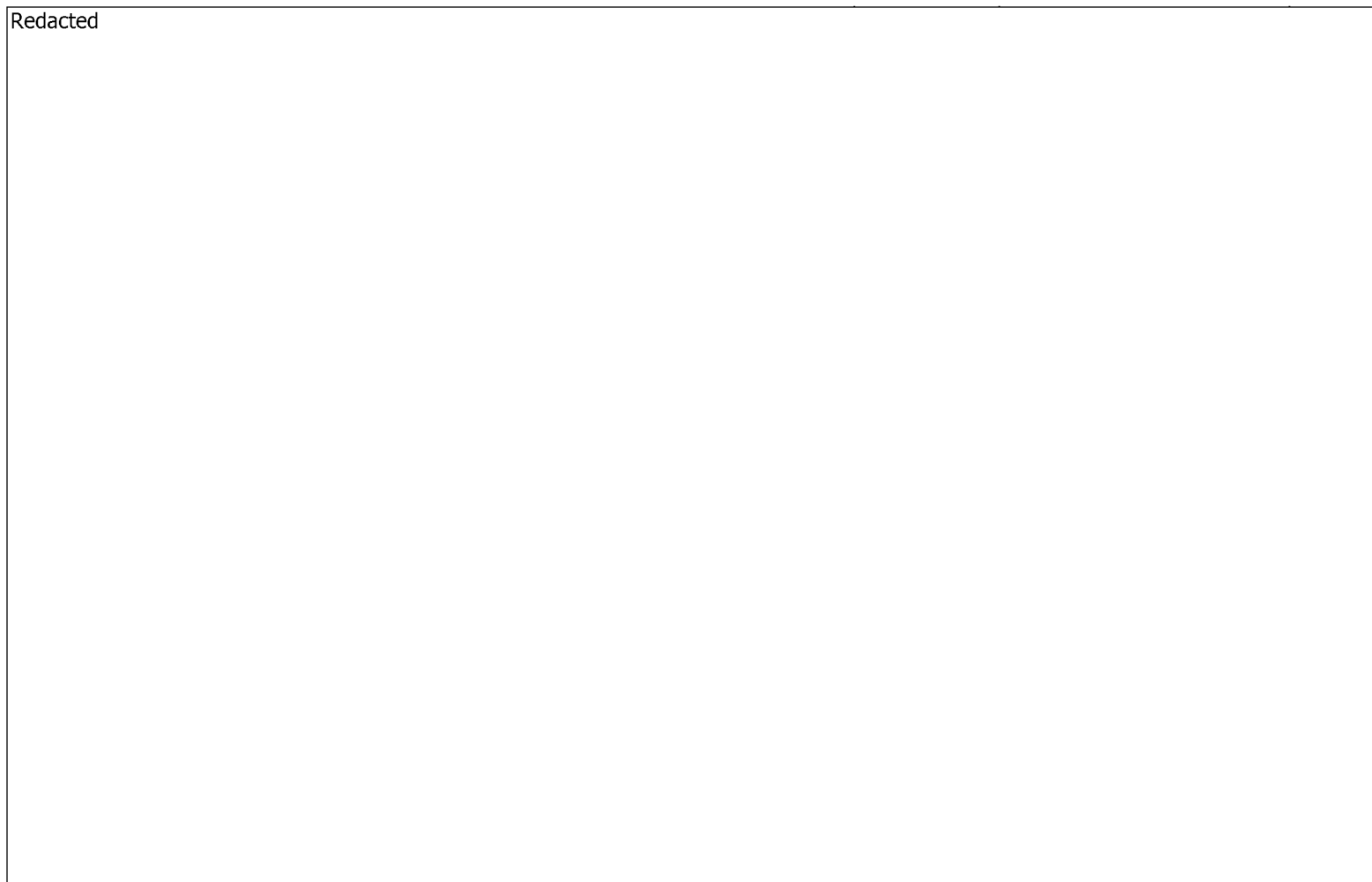
Confidential Material  
Submitted pursuant to  
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<u>SEQUENCED VOLUMES AT CITYGATE</u>								<u>INDICES AT CITYGATE</u>						<u>TOTAL COMMODITY BENCHMARK</u>								
Date	Ruby	AECO	San Juan	Kingsgate	Kern River	Topock	Citygate	Ruby Rookies	AECO	San 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  
September 2012

Confidential Material  
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Redacted



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

Confidential Material  
Submitted pursuant to  
General Order 66-C and  
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  
October 2012**

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

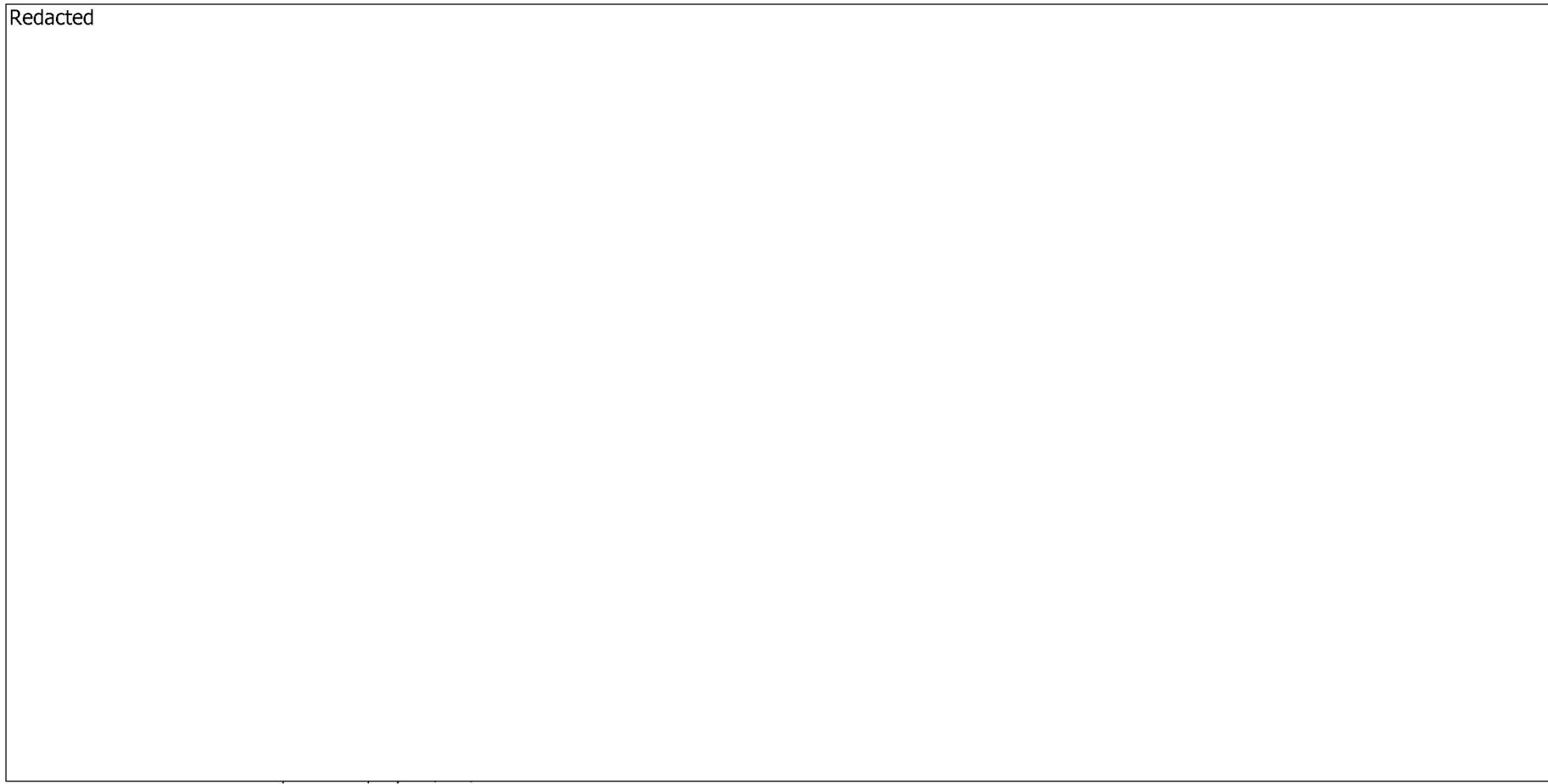
Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)
Redacted							



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

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

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

Actual      Benchmark      Benchmark -  
Costs      Costs      Actual Costs

Redacted

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

**Confidential Material  
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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  
October 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  
October 2012

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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  
October 2012


Confidential Material  
Submitted pursuant to  
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  
October 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  
Capacity Release Revenue  
October 2012

Confidential Material  
Submitted pursuant to  
General Order 66-C and  
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  
Kingsgate Index  
November 01, 2011 - October 31, 2012**

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

Month/Year	Kingsgate Index US \$/ MMBtu (1) (a)	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) CS/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**

**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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Redacted

(1) CGPR NGX AB-NIT Month Ahead Index (7A) CS/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**

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

Month/Year	San Juan Index US \$/ MMBtu (1) (a)	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**

**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)
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

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)
Redacted					

(1) NGL'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

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, 2011 - October 31, 2012

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

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

California Gas Transmission - 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	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)
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<b>Redacted</b>															
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(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

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

Execution Month	Coverage Period	CPIM Year	Winter Hedging			Non-Winter Hedging (4) Fixed for Floating Swaps		Total Volume (MMBtu)
			Options	Fixed for Floating Swaps	Volume (MMBtu)	Average Swap Price	Volume (MMBtu)	
Redacted								