

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

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

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**

**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 2011**

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

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	
Baja Path	Redacted
Redwood Path	
Firm Core Storage	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Reservation Charge Discount	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Total Ruby Pipeline	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Parking and Lending Charges	
Peaking Contract Demand Fees	
Usage Storage Charge	
Total Miscellaneous Costs and Revenues	

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

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

Actual Benchmark Benchmark -
Costs Costs Actual Costs

Commodity Costs and Revenues

Redacted

Financial Transactions

Redacted

Demand Charges

Redacted

**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
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 2011**

**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 2011

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

SEQUENCED VOLUMES AT CITYGATE

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

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

Confidential Material
Submitted pursuant to
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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							Redacted						Redacted									

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

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

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

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

Intrastate Transmission
Redacted

Storage
Redacted

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

**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
December 2011**

**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
December 2011**

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

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	
Baja Path	Redacted
Redwood Path	
Firm Core Storage	
Total California Gas Transmission	Redacted

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total El Paso Natural Gas Company	Redacted

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	Redacted

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	Redacted

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total Transwestern Pipeline Company	Redacted

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	Redacted

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	Redacted

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Total Ruby Pipeline	Redacted

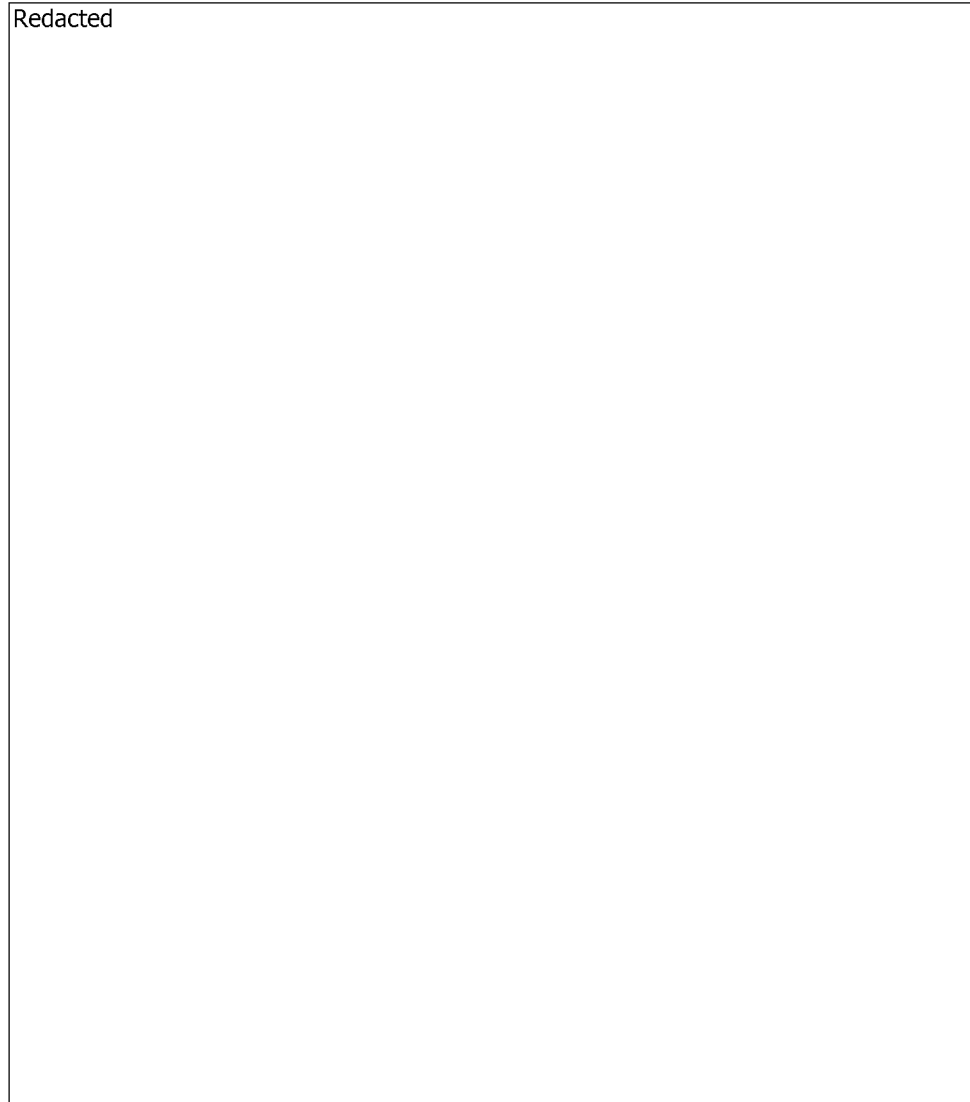
<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Total Miscellaneous Costs and Revenues	Redacted

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

**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
December 2011**

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

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	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
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
December 2011**

**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 2011

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	San Juan	San Juan	Ruby	Ruby	Topock	Citygate
Redacted													

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

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

<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							Redacted						Redacted									

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

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

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

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

<u>Intrastate Transmission</u>
Redacted

<u>Storage</u>
Redacted

No data matching criteria.
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**Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Capacity Release Revenue
December 2011**

**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
January 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
January 2012**

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

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	
Baja Path	Redacted
Redwood Path	
Firm Core Storage	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Total Ruby Pipeline	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Total Miscellaneous Costs and Revenues	

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

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

Actual
Costs Benchmark
Costs Benchmark -
Actual Costs

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Total Costs Benchmark Benchmark - Actual

**Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Modified Determined Usage
January 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) (g)
Redacted							

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

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							Redacted						Redacted									

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

**Confidential Material
Submitted pursuant to
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)
<u>Canadian</u>					
Redacted					

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

<u>Intrastate Transmission</u>
Redacted

<u>Storage</u>
Redacted

No data matching criteria.
2012 - 31

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

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

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	Redacted
Baja Path	
Redwood Path	
Firm Core Storage	
Cap. Release Revenue:	
Baja Path	
Discounted/(Premium) Capacity Release	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Total Ruby Pipeline	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Total Miscellaneous Costs and Revenues	

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

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

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

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

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

<u>Intrastate Transmission</u>					
Redacted					

<u>Storage</u>					
Redacted					

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

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

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	
Baja Path	Redacted
Redwood Path	
Firm Core Storage	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Total Ruby Pipeline	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Parking and Lending Charges	
Total Miscellaneous Costs and Revenues	

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

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

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

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

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

<u>Intrastate Transmission</u>					
Redacted					

<u>Storage</u>					
Redacted					

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

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

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	Redacted
Baja Path	
Redwood Path	
Firm Core Storage	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Total Ruby Pipeline	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Non-Winter Storage Hedging	
Parking and Lending Charges	
Total Miscellaneous Costs and Revenues	

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

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

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

Intrastate Transmission
Redacted

Storage
Redacted

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**

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	
Baja Path	Redacted
Redwood Path	
Firm Core Storage	
Cap. Release Revenue:	
Baja Path	
Discounted/(Premium) Capacity Release	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Total Ruby Pipeline	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Non-Winter Storage Hedging	
Parking and Lending Charges	
Total Miscellaneous Costs and Revenues	

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								Redacted						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**

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

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

<u>Intrastate Transmission</u>
Redacted

<u>Storage</u>
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**

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

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

**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**

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	Redacted
Baja Path	
Redwood Path	
Firm Core Storage	
Cap. Release Revenue:	
Baja Path	
Discounted/(Premium) Capacity Release	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Total Ruby Pipeline	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Non-Winter Storage Hedging	
Total Miscellaneous Costs and Revenues	

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

	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
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**

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

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

<u>Intrastate Transmission</u>
Redacted

<u>Storage</u>
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

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

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

**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**

<u>California Gas Transmission</u>	<u>Amount</u>
Demand Charge:	
Baja Path	Redacted
Redwood Path	
Firm Core Storage	
Cap. Release Revenue:	
Baja Path	
Redwood Path	
Discounted/(Premium) Capacity Release	
Total California Gas Transmission	

<u>El Paso Natural Gas Company</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Overrun Charges	
Total El Paso Natural Gas Company	

<u>Lodi Gas Storage, Inc.</u>	<u>Amount</u>
Demand Charge	Redacted
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	

<u>Gas Transmission Northwest Corporation</u>	<u>Amount</u>
Demand Charge	Redacted
Total Gas Transmission Northwest Corporation	

<u>Transwestern Pipeline Company</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Reservation Charge Discount	
Total Transwestern Pipeline Company	

<u>Foothills Pipelines Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Foothills Pipelines Ltd.	

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Total Nova Gas Transmission Ltd.	

<u>Ruby Pipeline</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Total Ruby Pipeline	

<u>Kern River Gas Transmission</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Reservation Charge Discount	
Total Kern River Gas Transmission	

<u>Miscellaneous Costs and Revenues</u>	<u>Amount</u>
Broker Fees	Redacted
Cochrane Extraction Revenue	
Non-Winter Storage Hedging	
Total Miscellaneous Costs and Revenues	

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

**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								Redacted							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**

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

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

<u>Intrastate Transmission</u>
Redacted

<u>Storage</u>
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

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

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

Confidential Material
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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 - July 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) 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 - July 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)	TW Contract 101629 Fuel %	San Juan Index Grossed up (b)/[1-(c)]	TW Volumetric Rate	San Juan Index Grossed up To Topock (d)+(e)	CGT Fuel %	San Juan Index Grossed up (f)/ [1-(g)]	Baja CGT Volumetric Rate	Total Citygate Index (h)+(i) US \$/ MMBtu
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Redacted									

(1) PER INSIDE FERC PUBLICATION

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

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

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

Redacted

**Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Core Supply Portfolio Composition
 November 01, 2011 - July 31, 2012**

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

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											

(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 - July 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 - Bala

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)
Redacted															

Transwestern Pipeline Company

California Gas Transmission - Redwood

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)
Redacted															

Gas Transmission Northwest Corporation

Ruby Pipeline

Month/Year	Daily Volume (a)	Days in Month (b)	Contract Capacity (a) x (b) (c)	Capacity Release (1) (d)	Net Contract Capacity (c) + (d) (e)	Gas Received at Malin (f)	Percentage of Utilization (f) / (e) (2) (g)	Month/Year	Daily Volume (a)	Days in Month (b)	Contract Capacity (a) x (b) (c)	Capacity Release (1) (d)	Net Contract Capacity (c) + (d) (e)	Gas Received at (f)	Percentage of Utilization (f) / (e) (2) (g)
Redacted															

Kern River Gas Transmission

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 Daggett (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 - July 31, 2012

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

- Notes: 1.) Report combines transactions at multiple supply points (could include AECO Hub, Rockies and/or San Juan Basin).
 2.) All volumes are at points of transaction (typically in the supply basin).
 3.) Fixed for Floating Swaps Average Swap Price includes impact of basis swaps if any apply.
 4.) Non-winter hedges are executed in CPIM Year 19 but are not for winter hedging (storage hedges, basis swaps etc.)
 Non-winter hedges will be included in CPIM Year 19 actuals when settled, but will not create additional benchmark dollars.

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