

**Pacific Gas and Electric Company
Core Gas Supply
Cumulative Monthly CPIM Report (Year 20)
November 01, 2012 - March 31, 2013**

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

Month/Year	CANADIAN AND U.S. GAS COSTS (1)			PIPELINE RESERVATION CHARGES (2)		TOTAL CPIM PERFORMANCE		
	Commodity Actuals	Commodity Benchmark	Benchmark - Actuals	Actuals	Benchmark	Total Actuals	Total Benchmark	Benchmark - Actuals
Nov-2012	Redacted							
Dec-2012	Redacted							
Jan-2013	Redacted							
Feb-2013	Redacted							
Mar-2013	Redacted							
Total	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 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)
CGT - Baja	Redacted						
CGT - Citygate							
CGT - Redwood							
EPNG - Basin							
EPNG - Topock							
Kern River - Daggett							
Kern River - Opal							
Kern River Station							
NGTL - AECO/NIT							
GTNC - All							
Ruby Pipeline							
TW - Basin							
TW - Topock							
Total Commodity Purchases and Sales							

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

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

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

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

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

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

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

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Discounted/(Premium) Capacity Release	
Total NOVA Gas Transmission Ltd.	<u><u>Redacted</u></u>

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

<u>Kern River Gas Transmission</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total Kern River Gas Transmission	<u><u>Redacted</u></u>

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

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

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	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>			
CGT - Baja	Redacted		
CGT - Citygate			
CGT - Redwood			
Commodity Sales			
Subtotal Commodity			
Miscellaneous Costs and Revenues			
Total Net Commodity			
<u>Financial Transactions</u>			
Winter Hedge Program:			
Option Premiums	Redacted		
Option and F/F Swap Settlements			
Commissions and Fees			
Other Financial Transactions			
Total Financial Costs and Revenues			
Total Commodity Costs	Redacted		
<u>Demand Charges</u>			
Foothills Pipelines Ltd.	Redacted		
California Gas Transmission			
El Paso Natural Gas Company			
Lodi Gas Storage, Inc.			
Nova Gas Transmission Ltd.			
Gas Transmission Northwest Corporation			
Ruby Pipeline			
Transwestern Pipeline Company			
Kern River Gas Transmission			
Total Demand Charges	Redacted		
Total Costs	Redacted		

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

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

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)
11/01/2012	Redacted						
11/02/2012	Redacted						
11/03/2012	Redacted						
11/04/2012	Redacted						
11/05/2012	Redacted						
11/06/2012	Redacted						
11/07/2012	Redacted						
11/08/2012	Redacted						
11/09/2012	Redacted						
11/10/2012	Redacted						
11/11/2012	Redacted						
11/12/2012	Redacted						
11/13/2012	Redacted						
11/14/2012	Redacted						
11/15/2012	Redacted						
11/16/2012	Redacted						
11/17/2012	Redacted						
11/18/2012	Redacted						
11/19/2012	Redacted						
11/20/2012	Redacted						
11/21/2012	Redacted						
11/22/2012	Redacted						
11/23/2012	Redacted						
11/24/2012	Redacted						
11/25/2012	Redacted						
11/26/2012	Redacted						
11/27/2012	Redacted						
11/28/2012	Redacted						
11/29/2012	Redacted						
11/30/2012	Redacted						
	Redacted						

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

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

Date	Nominations Injection/ (Withdrawal) (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/ Transfers (MMBtu) (c)	Parking (MMBtu) (d)	Ending Inventory (a)+(b)+(c)+(d) (e)
Beginning Balance	Redacted				
11/01/2012	Redacted				
11/02/2012	Redacted				
11/03/2012	Redacted				
11/04/2012	Redacted				
11/05/2012	Redacted				
11/06/2012	Redacted				
11/07/2012	Redacted				
11/08/2012	Redacted				
11/09/2012	Redacted				
11/10/2012	Redacted				
11/11/2012	Redacted				
11/12/2012	Redacted				
11/13/2012	Redacted				
11/14/2012	Redacted				
11/15/2012	Redacted				
11/16/2012	Redacted				
11/17/2012	Redacted				
11/18/2012	Redacted				
11/19/2012	Redacted				
11/20/2012	Redacted				
11/21/2012	Redacted				
11/22/2012	Redacted				
11/23/2012	Redacted				
11/24/2012	Redacted				
11/25/2012	Redacted				
11/26/2012	Redacted				
11/27/2012	Redacted				
11/28/2012	Redacted				
11/29/2012	Redacted				
11/30/2012	Redacted				
Total	Redacted				

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

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

Lodi Gas Storages, Inc

Date	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (1) (b)	Ending Inventory Beg Bal + (a) (c)
Beginning Balance	Redacted		
11/01/2012	Redacted		
11/02/2012	Redacted		
11/03/2012	Redacted		
11/04/2012	Redacted		
11/05/2012	Redacted		
11/06/2012	Redacted		
11/07/2012	Redacted		
11/08/2012	Redacted		
11/09/2012	Redacted		
11/10/2012	Redacted		
11/11/2012	Redacted		
11/12/2012	Redacted		
11/13/2012	Redacted		
11/14/2012	Redacted		
11/15/2012	Redacted		
11/16/2012	Redacted		
11/17/2012	Redacted		
11/18/2012	Redacted		
11/19/2012	Redacted		
11/20/2012	Redacted		
11/21/2012	Redacted		
11/22/2012	Redacted		
11/23/2012	Redacted		
11/24/2012	Redacted		
11/25/2012	Redacted		
11/26/2012	Redacted		
11/27/2012	Redacted		
11/28/2012	Redacted		
11/29/2012	Redacted		
11/30/2012	Redacted		
Total	Redacted		

(1) Includes 1.0% shrinkage for injection.

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

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SEQUENCED VOLUMES AT CITYGATE

	Benchmark Load															
Date	at Citygate	Ruby	AECO	San Juan	Kingsgate	Kern River	AECO	AECO	Ruby	Ruby	San Juan	San Juan	Topock	Citygate		
11/01/2012	Redacted															
11/02/2012	Redacted															
11/03/2012	Redacted															
11/04/2012	Redacted															
11/05/2012	Redacted															
11/06/2012	Redacted															
11/07/2012	Redacted															
11/08/2012	Redacted															
11/09/2012	Redacted															
11/10/2012	Redacted															
11/11/2012	Redacted															
11/12/2012	Redacted															
11/13/2012	Redacted															
11/14/2012	Redacted															
11/15/2012	Redacted															
11/16/2012	Redacted															
11/17/2012	Redacted															
11/18/2012	Redacted															
11/19/2012	Redacted															
11/20/2012	Redacted															
11/21/2012	Redacted															
11/22/2012	Redacted															
11/23/2012	Redacted															
11/24/2012	Redacted															
11/25/2012	Redacted															
11/26/2012	Redacted															
11/27/2012	Redacted															
11/28/2012	Redacted															
11/29/2012	Redacted															
11/30/2012	Redacted															

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

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

Date	SEQUENCED VOLUMES AT CITYGATE							INDICES AT CITYGATE						TOTAL COMMODITY BENCHMARK								
	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
11/01/2012	Redacted																					
11/02/2012	Redacted																					
11/03/2012	Redacted																					
11/04/2012	Redacted																					
11/05/2012	Redacted																					
11/06/2012	Redacted																					
11/07/2012	Redacted																					
11/08/2012	Redacted																					
11/09/2012	Redacted																					
11/10/2012	Redacted																					
11/11/2012	Redacted																					
11/12/2012	Redacted																					
11/13/2012	Redacted																					
11/14/2012	Redacted																					
11/15/2012	Redacted																					
11/16/2012	Redacted																					
11/17/2012	Redacted																					
11/18/2012	Redacted																					
11/19/2012	Redacted																					
11/20/2012	Redacted																					
11/21/2012	Redacted																					
11/22/2012	Redacted																					
11/23/2012	Redacted																					
11/24/2012	Redacted																					
11/25/2012	Redacted																					
11/26/2012	Redacted																					
11/27/2012	Redacted																					
11/28/2012	Redacted																					
11/29/2012	Redacted																					
11/30/2012	Redacted																					

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

**Confidential Material
Submitted pursuant to
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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>					
Foothills Pipelines Ltd. (GJ/d)	Redacted				
Nova Gas Transmission Ltd. (GJ/d)					
Canadian Subtotal	Redacted				
<u>U.S. Interstate</u>					
Gas Transmission Northwest Corporation (MMBtu/d)	Redacted				
El Paso Natural Gas Company (MMBtu/d)					
Ruby Pipeline (MMBtu/d)					
Kern River Gas Transmission (MMBtu/d)					
Transwestern Pipeline Company - 101629 (MMBtu)					
U.S. Interstate Subtotal	Redacted				
<u>Intrastate Transmission</u>					
California Gas Transmission (CGT)	Redacted				
On Baja (MMBtu/d)					
On Redwood (MMBtu/d)					
Intrastate Transmission Subtotal	Redacted				
<u>Storage</u>					
CGT Firm Storage (MMBtu Inventory)	Redacted				
Lodi Gas Storage, Inc. (MMBtu Inventory)					
Storage Subtotal	Redacted				
Total Fixed Transportation & Storage Costs	Redacted				

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

**Confidential Material
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Pipeline	Term	MMBtu	Amount	Avg. Rate	Discount/ (Premium) Amount
NOVA Gas Transmission Ltd.	11/28/2012 - 11/28/2012	Redacted			
Ruby Pipeline	11/01/2012 - 11/30/2012				
Grand Total					

Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Commodity Purchases and Sales
 December 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)
CGT - Baja	Redacted						
CGT - Citygate							
CGT - Redwood							
EPNG - Basin							
EPNG - Topock							
Kern River - Daggett							
Kern River - Opal							
Kern River Station							
NGTL - AECO/NIT							
GTNC - All							
Ruby Pipeline							
TW - Basin							
TW - Topock							
Total Commodity Purchases and Sales							

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

**Confidential Material
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<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>Kern River Gas Transmission</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total Kern River Gas Transmission	

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

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

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	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>	Redacted		
CGT - Baja	Redacted		
CGT - Citygate	Redacted		
CGT - Redwood	Redacted		
Commodity Sales	Redacted		
Subtotal Commodity	Redacted		
Miscellaneous Costs and Revenues	Redacted		
Total Net Commodity	Redacted		
<u>Financial Transactions</u>	Redacted		
Winter Hedge Program:	Redacted		
Option Premiums	Redacted		
Option and F/F Swap Settlements	Redacted		
Commissions and Fees	Redacted		
Other Financial Transactions	Redacted		
Total Financial Costs and Revenues	Redacted		
Total Commodity Costs	Redacted		
<u>Demand Charges</u>	Redacted		
Foothills Pipelines Ltd.	Redacted		
California Gas Transmission	Redacted		
El Paso Natural Gas Company	Redacted		
Lodi Gas Storage, Inc.	Redacted		
Nova Gas Transmission Ltd.	Redacted		
Gas Transmission Northwest Corporation	Redacted		
Ruby Pipeline	Redacted		
Transwestern Pipeline Company	Redacted		
Kern River Gas Transmission	Redacted		
Total Demand Charges	Redacted		
Total Costs	Redacted		

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

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

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)
12/01/2012	Redacted						
12/02/2012	Redacted						
12/03/2012	Redacted						
12/04/2012	Redacted						
12/05/2012	Redacted						
12/06/2012	Redacted						
12/07/2012	Redacted						
12/08/2012	Redacted						
12/09/2012	Redacted						
12/10/2012	Redacted						
12/11/2012	Redacted						
12/12/2012	Redacted						
12/13/2012	Redacted						
12/14/2012	Redacted						
12/15/2012	Redacted						
12/16/2012	Redacted						
12/17/2012	Redacted						
12/18/2012	Redacted						
12/19/2012	Redacted						
12/20/2012	Redacted						
12/21/2012	Redacted						
12/22/2012	Redacted						
12/23/2012	Redacted						
12/24/2012	Redacted						
12/25/2012	Redacted						
12/26/2012	Redacted						
12/27/2012	Redacted						
12/28/2012	Redacted						
12/29/2012	Redacted						
12/30/2012	Redacted						
12/31/2012	Redacted						

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

**Confidential Material
Submitted pursuant to
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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)
Beginning Balance	Redacted				
12/01/2012	Redacted				
12/02/2012	Redacted				
12/03/2012	Redacted				
12/04/2012	Redacted				
12/05/2012	Redacted				
12/06/2012	Redacted				
12/07/2012	Redacted				
12/08/2012	Redacted				
12/09/2012	Redacted				
12/10/2012	Redacted				
12/11/2012	Redacted				
12/12/2012	Redacted				
12/13/2012	Redacted				
12/14/2012	Redacted				
12/15/2012	Redacted				
12/16/2012	Redacted				
12/17/2012	Redacted				
12/18/2012	Redacted				
12/19/2012	Redacted				
12/20/2012	Redacted				
12/21/2012	Redacted				
12/22/2012	Redacted				
12/23/2012	Redacted				
12/24/2012	Redacted				
12/25/2012	Redacted				
12/26/2012	Redacted				
12/27/2012	Redacted				
12/28/2012	Redacted				
12/29/2012	Redacted				
12/30/2012	Redacted				
12/31/2012	Redacted				
Total	Redacted				

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

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

Lodi Gas Storages, Inc

Date	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (1) (b)	Ending Inventory Beg Bal + (a) (c)
Beginning Balance	Redacted		
12/01/2012			
12/02/2012			
12/03/2012			
12/04/2012			
12/05/2012			
12/06/2012			
12/07/2012			
12/08/2012			
12/09/2012			
12/10/2012			
12/11/2012			
12/12/2012			
12/13/2012			
12/14/2012			
12/15/2012			
12/16/2012			
12/17/2012			
12/18/2012			
12/19/2012			
12/20/2012			
12/21/2012			
12/22/2012			
12/23/2012			
12/24/2012			
12/25/2012			
12/26/2012			
12/27/2012			
12/28/2012			
12/29/2012			
12/30/2012			
12/31/2012			
Total			

(1) Includes 1.0% shrinkage for injection.

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

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

SEQUENCED VOLUMES AT CITYGATE

Date	Benchmark Load at Citygate	Ruby	AECO	San Juan	Kingsgate	Kern River	AECO	AECO	San Juan	Ruby	San Juan	Ruby	Topock	Citygate
12/01/2012	Redacted													
12/02/2012	Redacted													
12/03/2012	Redacted													
12/04/2012	Redacted													
12/05/2012	Redacted													
12/06/2012	Redacted													
12/07/2012	Redacted													
12/08/2012	Redacted													
12/09/2012	Redacted													
12/10/2012	Redacted													
12/11/2012	Redacted													
12/12/2012	Redacted													
12/13/2012	Redacted													
12/14/2012	Redacted													
12/15/2012	Redacted													
12/16/2012	Redacted													
12/17/2012	Redacted													
12/18/2012	Redacted													
12/19/2012	Redacted													
12/20/2012	Redacted													
12/21/2012	Redacted													
12/22/2012	Redacted													
12/23/2012	Redacted													
12/24/2012	Redacted													
12/25/2012	Redacted													
12/26/2012	Redacted													
12/27/2012	Redacted													
12/28/2012	Redacted													
12/29/2012	Redacted													
12/30/2012	Redacted													
12/31/2012	Redacted													

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

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

Date	SEQUENCED VOLUMES AT CITYGATE							INDICES AT CITYGATE						TOTAL COMMODITY BENCHMARK							
	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
12/01/2012	Redacted							Redacted						Redacted							
12/02/2012	Redacted							Redacted						Redacted							
12/03/2012	Redacted							Redacted						Redacted							
12/04/2012	Redacted							Redacted						Redacted							
12/05/2012	Redacted							Redacted						Redacted							
12/06/2012	Redacted							Redacted						Redacted							
12/07/2012	Redacted							Redacted						Redacted							
12/08/2012	Redacted							Redacted						Redacted							
12/09/2012	Redacted							Redacted						Redacted							
12/10/2012	Redacted							Redacted						Redacted							
12/11/2012	Redacted							Redacted						Redacted							
12/12/2012	Redacted							Redacted						Redacted							
12/13/2012	Redacted							Redacted						Redacted							
12/14/2012	Redacted							Redacted						Redacted							
12/15/2012	Redacted							Redacted						Redacted							
12/16/2012	Redacted							Redacted						Redacted							
12/17/2012	Redacted							Redacted						Redacted							
12/18/2012	Redacted							Redacted						Redacted							
12/19/2012	Redacted							Redacted						Redacted							
12/20/2012	Redacted							Redacted						Redacted							
12/21/2012	Redacted							Redacted						Redacted							
12/22/2012	Redacted							Redacted						Redacted							
12/23/2012	Redacted							Redacted						Redacted							
12/24/2012	Redacted							Redacted						Redacted							
12/25/2012	Redacted							Redacted						Redacted							
12/26/2012	Redacted							Redacted						Redacted							
12/27/2012	Redacted							Redacted						Redacted							
12/28/2012	Redacted							Redacted						Redacted							
12/29/2012	Redacted							Redacted						Redacted							
12/30/2012	Redacted							Redacted						Redacted							
12/31/2012	Redacted							Redacted						Redacted							

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

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

	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>					
Foothills Pipelines Ltd. (GJ/d)	Redacted				
Nova Gas Transmission Ltd. (GJ/d)					
Canadian Subtotal					
<u>U.S. Interstate</u>					
Gas Transmission Northwest Corporation (MMBtu/d)	Redacted				Redacted
El Paso Natural Gas Company (MMBtu/d)					
Ruby Pipeline (MMBtu/d)					
Kern River Gas Transmission (MMBtu/d)					
Transwestern Pipeline Company - 101629 (MMBtu)					
U.S. Interstate Subtotal					
<u>Intrastate Transmission</u>					
California Gas Transmission (CGT)	Redacted				Redacted
On Baja (MMBtu/d)					
On Redwood (MMBtu/d)					
Intrastate Transmission Subtotal					
<u>Storage</u>					
CGT Firm Storage (MMBtu Inventory)	Redacted				Redacted
Lodi Gas Storage, Inc. (MMBtu Inventory)					
Storage Subtotal					
Total Fixed Transportation & Storage Costs					

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

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

Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)
CGT - Baja	Redacted						
CGT - Citygate							
CGT - Redwood							
EPNG - Basin							
EPNG - Topock							
Kern River - Daggett							
Kern River - Opal							
Kern River Station							
NGTL - AECO/NIT							
GTNC - All							
Ruby Pipeline							
TW - Basin							
TW - Topock							
Total Commodity Purchases and Sales							

**Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Reservation Charges & Other Costs/Revenues
January 2013**

**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><u>Redacted</u></u>

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

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

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

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

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

<u>Nova Gas Transmission Ltd.</u>	<u>Amount</u>
Demand Charge	Redacted
Cap. Release Revenue	
Discounted/(Premium) Capacity Release	
Total NOVA Gas Transmission Ltd.	<u><u>Redacted</u></u>

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

<u>Kern River Gas Transmission</u>	<u>Amount</u>
Demand Charge	Redacted
Reservation Charge Discount	
Total Kern River Gas Transmission	<u><u>Redacted</u></u>

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

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

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>	Redacted		
CGT - Baja	Redacted		
CGT - Citygate	Redacted		
CGT - Redwood	Redacted		
Commodity Sales	Redacted		
Subtotal Commodity	Redacted		
Miscellaneous Costs and Revenues	Redacted		
Total Net Commodity	Redacted		
<u>Financial Transactions</u>	Redacted		
Winter Hedge Program:	Redacted		
Option Premiums	Redacted		
Option and F/F Swap Settlements	Redacted		
Commissions and Fees	Redacted		
Other Financial Transactions	Redacted		
Total Financial Costs and Revenues	Redacted		
Total Commodity Costs	Redacted		
<u>Demand Charges</u>	Redacted		
Foothills Pipelines Ltd.	Redacted		
California Gas Transmission	Redacted		
El Paso Natural Gas Company	Redacted		
Lodi Gas Storage, Inc.	Redacted		
Nova Gas Transmission Ltd.	Redacted		
Gas Transmission Northwest Corporation	Redacted		
Ruby Pipeline	Redacted		
Transwestern Pipeline Company	Redacted		
Kern River Gas Transmission	Redacted		
Total Demand Charges	Redacted		
 	Redacted		
Total Costs	Redacted		

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

**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)
1/01/2013	Redacted						
1/02/2013							
1/03/2013							
1/04/2013							
1/05/2013							
1/06/2013							
1/07/2013							
1/08/2013							
1/09/2013							
1/10/2013							
1/11/2013							
1/12/2013							
1/13/2013							
1/14/2013							
1/15/2013							
1/16/2013							
1/17/2013							
1/18/2013							
1/19/2013							
1/20/2013							
1/21/2013							
1/22/2013							
1/23/2013							
1/24/2013							
1/25/2013							
1/26/2013							
1/27/2013							
1/28/2013							
1/29/2013							
1/30/2013							
1/31/2013							

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

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)
Beginning Balance	Redacted				
1/01/2013	Redacted				
1/02/2013	Redacted				
1/03/2013	Redacted				
1/04/2013	Redacted				
1/05/2013	Redacted				
1/06/2013	Redacted				
1/07/2013	Redacted				
1/08/2013	Redacted				
1/09/2013	Redacted				
1/10/2013	Redacted				
1/11/2013	Redacted				
1/12/2013	Redacted				
1/13/2013	Redacted				
1/14/2013	Redacted				
1/15/2013	Redacted				
1/16/2013	Redacted				
1/17/2013	Redacted				
1/18/2013	Redacted				
1/19/2013	Redacted				
1/20/2013	Redacted				
1/21/2013	Redacted				
1/22/2013	Redacted				
1/23/2013	Redacted				
1/24/2013	Redacted				
1/25/2013	Redacted				
1/26/2013	Redacted				
1/27/2013	Redacted				
1/28/2013	Redacted				
1/29/2013	Redacted				
1/30/2013	Redacted				
1/31/2013	Redacted				
Total	Redacted				

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

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

Lodi Gas Storages, Inc

Date	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (1) (b)	Ending Inventory Beg Bal + (a) (c)
Beginning Balance	Redacted		
1/01/2013			
1/02/2013			
1/03/2013			
1/04/2013			
1/05/2013			
1/06/2013			
1/07/2013			
1/08/2013			
1/09/2013			
1/10/2013			
1/11/2013			
1/12/2013			
1/13/2013			
1/14/2013			
1/15/2013			
1/16/2013			
1/17/2013			
1/18/2013			
1/19/2013			
1/20/2013			
1/21/2013			
1/22/2013			
1/23/2013			
1/24/2013			
1/25/2013			
1/26/2013			
1/27/2013			
1/28/2013			
1/29/2013			
1/30/2013			
1/31/2013			
Total			

(1) Includes 1.0% shrinkage for injection.

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

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	San Juan	Ruby	San Juan	Topock	Citygate
	Benchmark	Redacted												
1/01/2013	Redacted													
1/02/2013														
1/03/2013														
1/04/2013														
1/05/2013														
1/06/2013														
1/07/2013														
1/08/2013														
1/09/2013														
1/10/2013														
1/11/2013														
1/12/2013														
1/13/2013														
1/14/2013														
1/15/2013														
1/16/2013														
1/17/2013														
1/18/2013														
1/19/2013														
1/20/2013														
1/21/2013														
1/22/2013														
1/23/2013														
1/24/2013														
1/25/2013														
1/26/2013														
1/27/2013														
1/28/2013														
1/29/2013														
1/30/2013														
1/31/2013														

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

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

Date	SEQUENCED VOLUMES AT CITYGATE							INDICES AT CITYGATE						TOTAL COMMODITY BENCHMARK								
	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
1/01/2013	Redacted																					
1/02/2013	Redacted																					
1/03/2013	Redacted																					
1/04/2013	Redacted																					
1/05/2013	Redacted																					
1/06/2013	Redacted																					
1/07/2013	Redacted																					
1/08/2013	Redacted																					
1/09/2013	Redacted																					
1/10/2013	Redacted																					
1/11/2013	Redacted																					
1/12/2013	Redacted																					
1/13/2013	Redacted																					
1/14/2013	Redacted																					
1/15/2013	Redacted																					
1/16/2013	Redacted																					
1/17/2013	Redacted																					
1/18/2013	Redacted																					
1/19/2013	Redacted																					
1/20/2013	Redacted																					
1/21/2013	Redacted																					
1/22/2013	Redacted																					
1/23/2013	Redacted																					
1/24/2013	Redacted																					
1/25/2013	Redacted																					
1/26/2013	Redacted																					
1/27/2013	Redacted																					
1/28/2013	Redacted																					
1/29/2013	Redacted																					
1/30/2013	Redacted																					
1/31/2013	Redacted																					
	Redacted							Redacted						Redacted								

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

**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>					
Foothills Pipelines Ltd. (GJ/d)	Redacted				
Nova Gas Transmission Ltd. (GJ/d)					
Canadian Subtotal	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>					
Gas Transmission Northwest Corporation (MMBtu/d)	Redacted				
El Paso Natural Gas Company (MMBtu/d)					
Ruby Pipeline (MMBtu/d)					
Kern River Gas Transmission (MMBtu/d)					
Transwestern Pipeline Company - 101629 (MMBtu)					
U.S. Interstate Subtotal	Redacted				
<u>Intrastate Transmission</u>					
California Gas Transmission (CGT)	Redacted				
On Baja (MMBtu/d)					
On Redwood (MMBtu/d)					
Intrastate Transmission Subtotal	Redacted				
<u>Storage</u>					
CGT Firm Storage (MMBtu Inventory)	Redacted				
Lodi Gas Storage, Inc. (MMBtu Inventory)					
Storage Subtotal	Redacted				
Total Fixed Transportation & Storage Costs	Redacted				

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

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

Pipeline	Term	MMBtu	Amount	Avg. Rate	Discount/ (Premium) Amount
NOVA Gas Transmission Ltd.	1/31/2013 - 1/31/2013	Redacted			
Grand Total		Redacted			

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

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

Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)							
CGT - Baja	Redacted													
CGT - Citygate														
CGT - Redwood														
EPNG - Basin														
EPNG - Topock														
Kern River - Daggett														
Kern River - Opal														
Kern River Station														
NGTL - AECO/NIT														
GTNC - All														
Ruby Pipeline														
TW - Basin														
TW - Topock														
Total Commodity Purchases and Sales								Redacted						

**Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Reservation Charges & Other Costs/Revenues
February 2013**

**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>	
Demand Charge	
Reservation Charge Discount	
Total El Paso Natural Gas Company	
<u>Lodi Gas Storage, Inc.</u>	
Demand Charge	
Injection/Withdrawal Charge	
Total Lodi Gas Storage, Inc.	
<u>Gas Transmission Northwest Corporation</u>	
Demand Charge	
Total Gas Transmission Northwest Corporation	
<u>Transwestern Pipeline Company</u>	
Demand Charge	
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>	
Demand Charge	
Total Nova Gas Transmission Ltd.	
<u>Ruby Pipeline</u>	
Demand Charge	
Cap. Release Revenue	
Total Ruby Pipeline	
<u>Kern River Gas Transmission</u>	
Demand Charge	
Reservation Charge Discount	
Total Kern River Gas Transmission	

<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 2013

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>	Redacted		
CGT - Baja	Redacted		
CGT - Citygate	Redacted		
CGT - Redwood	Redacted		
Commodity Sales	Redacted		
Subtotal Commodity	Redacted		
Miscellaneous Costs and Revenues	Redacted		
Total Net Commodity	Redacted		
<u>Financial Transactions</u>	Redacted		
Winter Hedge Program:	Redacted		
Option Premiums	Redacted		
Option and F/F Swap Settlements	Redacted		
Commissions and Fees	Redacted		
Other Financial Transactions	Redacted		
Total Financial Costs and Revenues	Redacted		
Total Commodity Costs	Redacted		
<u>Demand Charges</u>	Redacted		
Foothills Pipelines Ltd.	Redacted		
California Gas Transmission	Redacted		
El Paso Natural Gas Company	Redacted		
Lodi Gas Storage, Inc.	Redacted		
Nova Gas Transmission Ltd.	Redacted		
Gas Transmission Northwest Corporation	Redacted		
Ruby Pipeline	Redacted		
Transwestern Pipeline Company	Redacted		
Kern River Gas Transmission	Redacted		
Total Demand Charges	Redacted		
Total Costs	Redacted		

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

**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)
2/01/2013	Redacted						
2/02/2013	Redacted						
2/03/2013	Redacted						
2/04/2013	Redacted						
2/05/2013	Redacted						
2/06/2013	Redacted						
2/07/2013	Redacted						
2/08/2013	Redacted						
2/09/2013	Redacted						
2/10/2013	Redacted						
2/11/2013	Redacted						
2/12/2013	Redacted						
2/13/2013	Redacted						
2/14/2013	Redacted						
2/15/2013	Redacted						
2/16/2013	Redacted						
2/17/2013	Redacted						
2/18/2013	Redacted						
2/19/2013	Redacted						
2/20/2013	Redacted						
2/21/2013	Redacted						
2/22/2013	Redacted						
2/23/2013	Redacted						
2/24/2013	Redacted						
2/25/2013	Redacted						
2/26/2013	Redacted						
2/27/2013	Redacted						
2/28/2013	Redacted						
	Redacted						

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

**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)
Beginning Balance	Redacted				
2/01/2013	Redacted				
2/02/2013	Redacted				
2/03/2013	Redacted				
2/04/2013	Redacted				
2/05/2013	Redacted				
2/06/2013	Redacted				
2/07/2013	Redacted				
2/08/2013	Redacted				
2/09/2013	Redacted				
2/10/2013	Redacted				
2/11/2013	Redacted				
2/12/2013	Redacted				
2/13/2013	Redacted				
2/14/2013	Redacted				
2/15/2013	Redacted				
2/16/2013	Redacted				
2/17/2013	Redacted				
2/18/2013	Redacted				
2/19/2013	Redacted				
2/20/2013	Redacted				
2/21/2013	Redacted				
2/22/2013	Redacted				
2/23/2013	Redacted				
2/24/2013	Redacted				
2/25/2013	Redacted				
2/26/2013	Redacted				
2/27/2013	Redacted				
2/28/2013	Redacted				
Total	Redacted				

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

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

Lodi Gas Storages, Inc

Date	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (1) (b)	Ending Inventory Beg Bal + (a) (c)
Beginning Balance	Redacted		
2/01/2013	Redacted		
2/02/2013	Redacted		
2/03/2013	Redacted		
2/04/2013	Redacted		
2/05/2013	Redacted		
2/06/2013	Redacted		
2/07/2013	Redacted		
2/08/2013	Redacted		
2/09/2013	Redacted		
2/10/2013	Redacted		
2/11/2013	Redacted		
2/12/2013	Redacted		
2/13/2013	Redacted		
2/14/2013	Redacted		
2/15/2013	Redacted		
2/16/2013	Redacted		
2/17/2013	Redacted		
2/18/2013	Redacted		
2/19/2013	Redacted		
2/20/2013	Redacted		
2/21/2013	Redacted		
2/22/2013	Redacted		
2/23/2013	Redacted		
2/24/2013	Redacted		
2/25/2013	Redacted		
2/26/2013	Redacted		
2/27/2013	Redacted		
2/28/2013	Redacted		
Total	Redacted		

(1) Includes 1.0% shrinkage for injection.

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

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
2/01/2013	Redacted													
2/02/2013	Redacted													
2/03/2013	Redacted													
2/04/2013	Redacted													
2/05/2013	Redacted													
2/06/2013	Redacted													
2/07/2013	Redacted													
2/08/2013	Redacted													
2/09/2013	Redacted													
2/10/2013	Redacted													
2/11/2013	Redacted													
2/12/2013	Redacted													
2/13/2013	Redacted													
2/14/2013	Redacted													
2/15/2013	Redacted													
2/16/2013	Redacted													
2/17/2013	Redacted													
2/18/2013	Redacted													
2/19/2013	Redacted													
2/20/2013	Redacted													
2/21/2013	Redacted													
2/22/2013	Redacted													
2/23/2013	Redacted													
2/24/2013	Redacted													
2/25/2013	Redacted													
2/26/2013	Redacted													
2/27/2013	Redacted													
2/28/2013	Redacted													

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

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

Date	SEQUENCED VOLUMES AT CITYGATE							INDICES AT CITYGATE						TOTAL COMMODITY BENCHMARK							
	Ruby	AECO	San Juan	Kingsgate	Kern River	Topeck	Citygate	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topeck	PG&E Citygate Daily	Ruby Rookies	AECO	San Juan	Kingsgate	Kern River	Topeck	Citygate
2/01/2013	Redacted							Redacted						Redacted							
2/02/2013	Redacted							Redacted						Redacted							
2/03/2013	Redacted							Redacted						Redacted							
2/04/2013	Redacted							Redacted						Redacted							
2/05/2013	Redacted							Redacted						Redacted							
2/06/2013	Redacted							Redacted						Redacted							
2/07/2013	Redacted							Redacted						Redacted							
2/08/2013	Redacted							Redacted						Redacted							
2/09/2013	Redacted							Redacted						Redacted							
2/10/2013	Redacted							Redacted						Redacted							
2/11/2013	Redacted							Redacted						Redacted							
2/12/2013	Redacted							Redacted						Redacted							
2/13/2013	Redacted							Redacted						Redacted							
2/14/2013	Redacted							Redacted						Redacted							
2/15/2013	Redacted							Redacted						Redacted							
2/16/2013	Redacted							Redacted						Redacted							
2/17/2013	Redacted							Redacted						Redacted							
2/18/2013	Redacted							Redacted						Redacted							
2/19/2013	Redacted							Redacted						Redacted							
2/20/2013	Redacted							Redacted						Redacted							
2/21/2013	Redacted							Redacted						Redacted							
2/22/2013	Redacted							Redacted						Redacted							
2/23/2013	Redacted							Redacted						Redacted							
2/24/2013	Redacted							Redacted						Redacted							
2/25/2013	Redacted							Redacted						Redacted							
2/26/2013	Redacted							Redacted						Redacted							
2/27/2013	Redacted							Redacted						Redacted							
2/28/2013	Redacted							Redacted						Redacted							
	Redacted							Redacted						Redacted							

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

**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>					
Foothills Pipelines Ltd. (GJ/d)	Redacted				
Nova Gas Transmission Ltd. (GJ/d)					
Canadian Subtotal					
<u>U.S. Interstate</u>					
Gas Transmission Northwest Corporation (MMBtu/d)	Redacted			Redacted	
El Paso Natural Gas Company (MMBtu/d)					
Ruby Pipeline (MMBtu/d)					
Kern River Gas Transmission (MMBtu/d)					
Transwestern Pipeline Company - 101629 (MMBtu)					
U.S. Interstate Subtotal	Redacted				
<u>Intrastate Transmission</u>					
California Gas Transmission (CGT)	Redacted			Redacted	
On Baja (MMBtu/d)					
On Redwood (MMBtu/d)					
Intrastate Transmission Subtotal	Redacted				
<u>Storage</u>					
CGT Firm Storage (MMBtu Inventory)	Redacted			Redacted	
Lodi Gas Storage, Inc. (MMBtu Inventory)					
Storage Subtotal	Redacted				
Total Fixed Transportation & Storage Costs	Redacted				

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

Confidential Material
Submitted pursuant to
General Order 66-C and
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Pipeline	Term	MMBtu	Amount	Avg. Rate	Discount/ (Premium) Amount
CGT - Baja	2/01/2013 - 2/28/2013	Redacted			
Ruby Pipeline	2/01/2013 - 2/28/2013	Redacted			
Grand Total					

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

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

Pipeline/Purchase Point	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Actual Commodity Costs (d)	Volumetric Transportation Costs (e)	Actual Commodity Sales (f)	Total Net Costs (d)+(e)+(f) (g)
CGT - Baja	Redacted						
CGT - Citygate							
CGT - Redwood							
EPNG - Basin							
EPNG - Topock							
Kern River - Daggett							
Kern River - Opal							
Kern River Station							
NGTL - AECO/NIT							
GTNC - All							
Ruby Pipeline							
TW - Basin							
TW - Topock							
Total Commodity Purchases and Sales							

**Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Reservation Charges & Other Costs/Revenues
March 2013**

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

California Gas Transmission Amount
Demand Charge: Redacted
Baja Path
Redwood Path
Firm Core Storage
Total California Gas Transmission

El Paso Natural Gas Company Amount
Demand Charge Redacted
Reservation Charge Discount
Total El Paso Natural Gas Company

Lodi Gas Storage, Inc. Amount
Demand Charge Redacted
Total Lodi Gas Storage, Inc.

Gas Transmission Northwest Corporation Amount
Demand Charge Redacted
Total Gas Transmission Northwest Corporation

Transwestern Pipeline Company Amount
Demand Charge Redacted
Reservation Charge Discount
Total Transwestern Pipeline Company

Foothills Pipelines Ltd. Amount
Demand Charge Redacted
Total Foothills Pipelines Ltd.

Nova Gas Transmission Ltd. Amount
Demand Charge Redacted
Total Nova Gas Transmission Ltd.

Ruby Pipeline Amount
Demand Charge Redacted
Total Ruby Pipeline

Kern River Gas Transmission Amount
Demand Charge Redacted
Reservation Charge Discount
Total Kern River Gas Transmission

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

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

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

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>	Redacted		
CGT - Baja	Redacted		
CGT - Citygate	Redacted		
CGT - Redwood	Redacted		
Commodity Sales	Redacted		
Subtotal Commodity	Redacted		
Miscellaneous Costs and Revenues	Redacted		
Total Net Commodity	Redacted		
<u>Financial Transactions</u>	Redacted		
Winter Hedge Program:	Redacted		
Option Premiums	Redacted		
Option and F/F Swap Settlements	Redacted		
Commissions and Fees	Redacted		
Other Financial Transactions	Redacted		
Total Financial Costs and Revenues	Redacted		
Total Commodity Costs	Redacted		
<u>Demand Charges</u>	Redacted		
Foothills Pipelines Ltd.	Redacted		
California Gas Transmission	Redacted		
El Paso Natural Gas Company	Redacted		
Lodi Gas Storage, Inc.	Redacted		
Nova Gas Transmission Ltd.	Redacted		
Gas Transmission Northwest Corporation	Redacted		
Ruby Pipeline	Redacted		
Transwestern Pipeline Company	Redacted		
Kern River Gas Transmission	Redacted		
Total Demand Charges	Redacted		
Total Costs	Redacted		

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

**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)
3/01/2013	Redacted						
3/02/2013	Redacted						
3/03/2013	Redacted						
3/04/2013	Redacted						
3/05/2013	Redacted						
3/06/2013	Redacted						
3/07/2013	Redacted						
3/08/2013	Redacted						
3/09/2013	Redacted						
3/10/2013	Redacted						
3/11/2013	Redacted						
3/12/2013	Redacted						
3/13/2013	Redacted						
3/14/2013	Redacted						
3/15/2013	Redacted						
3/16/2013	Redacted						
3/17/2013	Redacted						
3/18/2013	Redacted						
3/19/2013	Redacted						
3/20/2013	Redacted						
3/21/2013	Redacted						
3/22/2013	Redacted						
3/23/2013	Redacted						
3/24/2013	Redacted						
3/25/2013	Redacted						
3/26/2013	Redacted						
3/27/2013	Redacted						
3/28/2013	Redacted						
3/29/2013	Redacted						
3/30/2013	Redacted						
3/31/2013	Redacted						

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

Confidential Material
Submitted pursuant to
General Order 66-C and
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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)
Beginning Balance	Redacted				
3/01/2013	Redacted				
3/02/2013	Redacted				
3/03/2013	Redacted				
3/04/2013	Redacted				
3/05/2013	Redacted				
3/06/2013	Redacted				
3/07/2013	Redacted				
3/08/2013	Redacted				
3/09/2013	Redacted				
3/10/2013	Redacted				
3/11/2013	Redacted				
3/12/2013	Redacted				
3/13/2013	Redacted				
3/14/2013	Redacted				
3/15/2013	Redacted				
3/16/2013	Redacted				
3/17/2013	Redacted				
3/18/2013	Redacted				
3/19/2013	Redacted				
3/20/2013	Redacted				
3/21/2013	Redacted				
3/22/2013	Redacted				
3/23/2013	Redacted				
3/24/2013	Redacted				
3/25/2013	Redacted				
3/26/2013	Redacted				
3/27/2013	Redacted				
3/28/2013	Redacted				
3/29/2013	Redacted				
3/30/2013	Redacted				
3/31/2013	Redacted				
Total	Redacted				

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

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

Lodi Gas Storages, Inc

Date	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (1) (b)	Ending Inventory Beg Bal + (a) (c)
Beginning Balance	Redacted		
3/01/2013			
3/02/2013			
3/03/2013			
3/04/2013			
3/05/2013			
3/06/2013			
3/07/2013			
3/08/2013			
3/09/2013			
3/10/2013			
3/11/2013			
3/12/2013			
3/13/2013			
3/14/2013			
3/15/2013			
3/16/2013			
3/17/2013			
3/18/2013			
3/19/2013			
3/20/2013			
3/21/2013			
3/22/2013			
3/23/2013			
3/24/2013			
3/25/2013			
3/26/2013			
3/27/2013			
3/28/2013			
3/29/2013			
3/30/2013			
3/31/2013			
Total			

(1) Includes 1.0% shrinkage for injection.

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

Confidential Material
Submitted pursuant to
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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
	Benchmark	Redacted												
3/01/2013		Redacted												
3/02/2013		Redacted												
3/03/2013		Redacted												
3/04/2013		Redacted												
3/05/2013		Redacted												
3/06/2013		Redacted												
3/07/2013		Redacted												
3/08/2013		Redacted												
3/09/2013		Redacted												
3/10/2013		Redacted												
3/11/2013		Redacted												
3/12/2013		Redacted												
3/13/2013		Redacted												
3/14/2013		Redacted												
3/15/2013		Redacted												
3/16/2013		Redacted												
3/17/2013		Redacted												
3/18/2013		Redacted												
3/19/2013		Redacted												
3/20/2013		Redacted												
3/21/2013		Redacted												
3/22/2013		Redacted												
3/23/2013		Redacted												
3/24/2013		Redacted												
3/25/2013		Redacted												
3/26/2013		Redacted												
3/27/2013		Redacted												
3/28/2013		Redacted												
3/29/2013		Redacted												
3/30/2013		Redacted												
3/31/2013		Redacted												
		Redacted												

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

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
3/01/2013	Redacted							Redacted						Redacted								
3/02/2013	Redacted							Redacted						Redacted								
3/03/2013	Redacted							Redacted						Redacted								
3/04/2013	Redacted							Redacted						Redacted								
3/05/2013	Redacted							Redacted						Redacted								
3/06/2013	Redacted							Redacted						Redacted								
3/07/2013	Redacted							Redacted						Redacted								
3/08/2013	Redacted							Redacted						Redacted								
3/09/2013	Redacted							Redacted						Redacted								
3/10/2013	Redacted							Redacted						Redacted								
3/11/2013	Redacted							Redacted						Redacted								
3/12/2013	Redacted							Redacted						Redacted								
3/13/2013	Redacted							Redacted						Redacted								
3/14/2013	Redacted							Redacted						Redacted								
3/15/2013	Redacted							Redacted						Redacted								
3/16/2013	Redacted							Redacted						Redacted								
3/17/2013	Redacted							Redacted						Redacted								
3/18/2013	Redacted							Redacted						Redacted								
3/19/2013	Redacted							Redacted						Redacted								
3/20/2013	Redacted							Redacted						Redacted								
3/21/2013	Redacted							Redacted						Redacted								
3/22/2013	Redacted							Redacted						Redacted								
3/23/2013	Redacted							Redacted						Redacted								
3/24/2013	Redacted							Redacted						Redacted								
3/25/2013	Redacted							Redacted						Redacted								
3/26/2013	Redacted							Redacted						Redacted								
3/27/2013	Redacted							Redacted						Redacted								
3/28/2013	Redacted							Redacted						Redacted								
3/29/2013	Redacted							Redacted						Redacted								
3/30/2013	Redacted							Redacted						Redacted								
3/31/2013	Redacted							Redacted						Redacted								
															Redacted							

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

**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>										
Foothills Pipelines Ltd. (GJ/d)	Redacted									
Nova Gas Transmission Ltd. (GJ/d)										
Canadian Subtotal										
<u>U.S. Interstate</u>										
Gas Transmission Northwest Corporation (MMBtu/d)						Redacted				
El Paso Natural Gas Company (MMBtu/d)										
Ruby Pipeline (MMBtu/d)										
Kern River Gas Transmission (MMBtu/d)										
Transwestern Pipeline Company - 101629 (MMBtu)										
U.S. Interstate Subtotal										
<u>Intrastate Transmission</u>										
California Gas Transmission (CGT)	Redacted									
On Baja (MMBtu/d)										
On Redwood (MMBtu/d)										
Intrastate Transmission Subtotal										
<u>Storage</u>										
CGT Firm Storage (MMBtu Inventory)	Redacted									
Lodi Gas Storage, Inc. (MMBtu Inventory)										
Storage Subtotal										
Total Fixed Transportation & Storage Costs	Redacted									

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

**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
 Kingsgate Index
 November 01, 2012 - March 31, 2013

Confidential Material
 Submitted pursuant to
 General Order 66-C and
 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)
Nov-2012	Redacted								
Dec-2012	Redacted								
Jan-2013	Redacted								
Feb-2013	Redacted								
Mar-2013	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, 2012 - March 31, 2013**

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

Month/Year (a)	AECO Index Can \$/ GJ (1) (b)	Conversion of AECO Index to Can \$/ MMBtu (2) (c)	Foothills Fuel % (d)	AECO Index Grossed up (c)/[1-(d)] (e)	Monthly Exchange Rate (3) (f)	AECO/ Kingsgate Index (e)/(f) US \$/ MMBtu (g)	GTNC Fuel % (h)	Kingsgate Index Grossed up (g)/[1-(h)] (i)	GTNC Volumetric Rate (j)	Total Malin Index (i) + (j) (k)	CGT Fuel % (l)	Malin Index Grossed up (k)/[1-(l)] (m)	Redwood CGT Volumetric Rate (n)	Total Citygate Index (m) + (n) US \$/ MMBtu (o)
Nov-2012	Redacted													
Dec-2012	Redacted													
Jan-2013	Redacted													
Feb-2013	Redacted													
Mar-2013	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, 2012 - March 31, 2013

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

Month/Year	San Juan Index US \$/ MMBtu (1) (b)	TW Contract 101629 Fuel % (c)	San Juan Index Grossed up (b)/[1-(c)] (d)	TW Volumetric Rate (e)	San Juan Index Grossed up To Topock (d)+(e) (f)	CGT Fuel % (g)	San Juan Index Grossed up (f)/ [1-(g)] (h)	Baja CGT Volumetric Rate (i)	Total Citygate Index (h)+(i) US \$/ MMBtu (j)
Nov-2012	Redacted								
Dec-2012	Redacted								
Jan-2013	Redacted								
Feb-2013	Redacted								
Mar-2013	Redacted								

(1) PER INSIDE FERC PUBLICATION

**Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Rocky Mountains Index
November 01, 2012 - March 31, 2013**

**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)
Nov-2012	Redacted								
Dec-2012									
Jan-2013									
Feb-2013									
Mar-2013									

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

Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Topock Index
 November 01, 2012 - March 31, 2013

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

Month/Year	PG&E Topock Index US \$/ MMBtu (1) (a)	CGT Shrinkage % (b)	Index Grossed up to Citygate (a)/[1-(b)] (c)	Baja CGT Volumetric Rate (d)	Topock Index at Citygate (c)+(d) US \$/ MMBtu (e)
Nov-2012	Redacted				
Dec-2012					
Jan-2013					
Feb-2013					
Mar-2013					

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

The PG&E Topock Index used in column (a) is a calculated value based on daily Topock Index prices weighted by the Topock volumes on each day. See next page 56a.

This calculation of a Topock Index is only necessary for the months of December, January and February.

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

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

DECEMBER 2012				JANUARY 2013				FEBRUARY 2013			
Day of Month	Sequenced Volume at Topock (MMBtu) (a)	PG&E Daily Topock Index (2) (US\$/MMBtu) (b)	Benchmark \$ at Topock (a) x (b) (c)	Day of Month	Sequenced Volume at Topock (MMBtu) (d)	PG&E Daily Topock Index (2) (US\$/MMBtu) (e)	Benchmark \$ at Topock (d) x (e) (f)	Day of Month	Sequenced Volume at Topock (MMBtu) (g)	PG&E Daily Topock Index (2) (US\$/MMBtu) (h)	Benchmark \$ at Topock (g) x (h) (i)
1	Redacted										
2	Redacted										
3	Redacted										
4	Redacted										
5	Redacted										
6	Redacted										
7	Redacted										
8	Redacted										
9	Redacted										
10	Redacted										
11	Redacted										
12	Redacted										
13	Redacted										
14	Redacted										
15	Redacted										
16	Redacted										
17	Redacted										
18	Redacted										
19	Redacted										
20	Redacted										
21	Redacted										
22	Redacted										
23	Redacted										
24	Redacted										
25	Redacted										
26	Redacted										
27	Redacted										
28	Redacted										
29	Redacted										
30	Redacted										
31	Redacted										
Total	Redacted										
Equivalent Average Topock Price (Total \$/Total Vol)	Redacted										

(1) Topock supply point is only included in the CPIM sequence in December, January and February. No daily weighting calculation needed in other months.
 (2) *NGI Daily Price Index* California Southern Border, PG&E average price

Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Kern River Index
 November 01, 2012 - March 31, 2013

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

Month/Year	Rocky Mts Index US \$/ MMBtu (1) (a)	Kern River Fuel % (c)	Rocky Mts Index Grossed up (b)/[1-(c)] (d)	Kern River Volumetric Rate (e)	Rocky Mts Index Grossed up To Daggett (d)+(e) (f)	CGT Fuel % (g)	Rocky Mts Index Grossed up (f)/ [1-(g)] (h)	Baja CGT Volumetric Rate (i)	Total Citygate Index (h)+(i) US \$/ MMBtu (j)
Nov-2012	Redacted								
Dec-2012									
Jan-2013									
Feb-2013									
Mar-2013									

Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Core Supply Portfolio Composition
 November 01, 2012 - March 31, 2013

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

Month/Year	SW	MMBtu Purchases (1)			Total	Average Price, U.S. \$				Percentage of Total		
		BL	MM			SW	BL	MM	Total	SW	BL	MM
Nov-2012	Redacted											
Dec-2012	Redacted											
Jan-2013	Redacted											
Feb-2013	Redacted											
Mar-2013	Redacted											
Total	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, 2012 - March 31, 2013

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

El Paso Natural Gas Company

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)
Nov-2012	Redacted														
Dec-2012															
Jan-2013															
Feb-2013															
Mar-2013															
Total															

California Gas Transmission - Baja

Transwestern Pipeline Company

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)
Nov-2012	Redacted														
Dec-2012															
Jan-2013															
Feb-2013															
Mar-2013															
Total															

California Gas Transmission - Redwood

Gas Transmission Northwest Corporation

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 Malin (f)	Percentage of Utilization (f) / (e) (2) (g)
Nov-2012	Redacted														
Dec-2012															
Jan-2013															
Feb-2013															
Mar-2013															
Total															

Ruby Pipeline

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)
Nov-2012	Redacted						
Dec-2012							
Jan-2013							
Feb-2013							
Mar-2013							
Total							

(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, 2012 - March 31, 2013**

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Winter Hedging Options	Non-Winter Hedging (4) Fixed for Floating Swaps
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Execution Month	Coverage Period	CPIM Year	Volume (MMBtu)	Premium Cost	Volume (MMBtu)	Average Swap Price	Total Volume (MMBtu)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Nov-12	Redacted						
Dec-12	Redacted						
Jan-13	Redacted						
Feb-13	Redacted						
Mar-13	Redacted						
TOTAL	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.