

Pacific Gas and Electric Company  
 Core Gas Supply  
 Cumulative Monthly CPIM Report (Year 20)  
 November 01, 2012 - February 28, 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								
Jan-2013								
Feb-2013								
Total								

(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

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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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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>	
Demand Charge	
Reservation Charge Discount	
Total El Paso Natural Gas Company	
 <u>Lodi Gas Storage, Inc.</u>	
Demand 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	
Cap. Release Revenue	
Discounted/(Premium) Capacity Release	
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	
Peaking Contract Demand Fees	
Total Miscellaneous Costs and Revenues	

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>	Redacted		
CGT - Baja			
CGT - Citygate			
CGT - Redwood			
Commodity Sales			
Subtotal Commodity			
Miscellaneous Costs and Revenues			
Total Net Commodity			
<u>Financial Transactions</u>			
Winter Hedge Program:			
Option Premiums			
Option and F/F Swap Settlements			
Commissions and Fees			
Other Financial Transactions			
Total Financial Costs and Revenues			
Total Commodity Costs			
<u>Demand Charges</u>			
Foothills Pipelines Ltd.			
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			
Total Costs			

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

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Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (MMBtu) (g)
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  
 Firm Storage Inventory  
 November 2012

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

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Lodi Gas Storages, Inc

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

(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

Date	Benchmark Load 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  
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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  
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	Volume (GJ) (a)	Unit Cost/Rate (Can.\$) (c)/(a) (b)	Fixed Transportation Costs (Can. \$) (c)	Exchange Rate (d)	Fixed Transportation Costs (U.S. \$) (e)
<u>Canadian</u>					
Foothills Pipelines Ltd. (GJ/d)					
Nova Gas Transmission Ltd. (GJ/d)					
Canadian Subtotal					
<u>U.S. Interstate</u>					
Gas Transmission Northwest Corporation (MMBtu/d)					
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)					
On Baja (MMBtu/d)					
On Redwood (MMBtu/d)					
Intrastate Transmission Subtotal					
<u>Storage</u>					
CGT Firm Storage (MMBtu Inventory)					
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  
November 2012

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

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

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

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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

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

Date	Burner Tip Modified Determined Usage (Therms) (a)	Modified Determined Use Grossed up to Citygate (Therms) (a)x(1+ Shrinkage Rate) (b)	Modified Determined Use Therms Converted to MMBtu (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage CPIM Profile Injection/ (Withdrawal) (MMBtu) (e)	Incremental Storage Injection/ (Withdrawal) (MMBtu) (f)	Benchmark Load at Citygate (c)+(d)+(e)+(f) (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  
General Order 66-C and  
P.U. Code Section 583

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

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

Benchmark Load	
Date	at Citygate Ruby AECO San Juan Kingsgate Kern River AECO AECO San Juan Ruby San Juan Ruby Topock Citygate
12/01/2012	Ben Redacted
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	

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	Total
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 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				
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					

**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>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
Cap. Release Revenue	
Discounted/(Premium) Capacity Release	
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	
Total Miscellaneous Costs and Revenues	

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

	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	\$		
Miscellaneous Costs and Revenues	Redacted		
Total Net Commodity	\$		
<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			
Total Commodity Costs	\$		
<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			
Total Costs	\$		



**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)×(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	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						

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

**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	<hr/> <hr/>		

(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
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													

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																					

**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**

<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)
Foothills Pipelines Ltd. (GJ/d)	Redacted				
Nova Gas Transmission Ltd. (GJ/d)					
Canadian Subtotal					

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

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					

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							



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

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

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

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

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

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

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

<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	

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						

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				Ending Inventory (a)+(b)+(c)+(d) (e)
	Injection/ (Withdrawal) (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/ Transfers (MMBtu) (c)	Parking (MMBtu) (d)	
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				
Tota	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		
<b>Total</b>	<b>Redacted</b>		

(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

Benchmark Load														
Date	at Citygate	Ruby	AECO	San Juan	Kingsgate	Kern River	AECO	AECO	Ruby	Ruby	San Juan	San Juan	Topock	Citygate
	Bend	Redacted												
2/01/2013														
2/02/2013														
2/03/2013														
2/04/2013														
2/05/2013														
2/06/2013														
2/07/2013														
2/08/2013														
2/09/2013														
2/10/2013														
2/11/2013														
2/12/2013														
2/13/2013														
2/14/2013														
2/15/2013														
2/16/2013														
2/17/2013														
2/18/2013														
2/19/2013														
2/20/2013														
2/21/2013														
2/22/2013														
2/23/2013														
2/24/2013														
2/25/2013														
2/26/2013														
2/27/2013														
2/28/2013														

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	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
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 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)					
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)			
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)			
On Baja (MMBtu/d)			
On Redwood (MMBtu/d)			
Intrastate Transmission Subtotal			
<u>Storage</u>			
CGT Firm Storage (MMBtu Inventory)			
Lodi Gas Storage, Inc. (MMBtu Inventory)			
Storage Subtotal			
<b>Total Fixed Transportation &amp; Storage Costs</b>			

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  
P.U. Code Section 583

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		Redacted			

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Kingsgate Index  
 November 01, 2012 - February 28, 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									
Jan-2013									
Feb-2013									

(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, 2012 - February 28, 2013

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

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

(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 - February 28, 2013

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

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

(1) PER INSIDE FERC PUBLICATION

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Rocky Mountains Index  
 November 01, 2012 - February 28, 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									

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

**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			1	Redacted			1	Redacted		
2				2				2			
3				3				3			
4				4				4			
5				5				5			
6				6				6			
7				7				7			
8				8				8			
9				9				9			
10				10				10			
11				11				11			
12				12				12			
13				13				13			
14				14				14			
15				15				15			
16				16				16			
17				17				17			
18				18				18			
19				19				19			
20				20				20			
21				21				21			
22				22				22			
23				23				23			
24				24				24			
25				25				25			
26				26				26			
27				27				27			
28				28				28			
29				29				29			
30				30				30			
31				31				31			
Total				Total				Total			
Equivalent Average				Equivalent Average Top				Equivalent Average Top			

(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  
 Topock Index  
 November 01, 2012 - February 28, 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					

(1) NGI'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 prior page.

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  
 Kern River Index  
 November 01, 2012 - February 28, 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	Redacted								
Jan-2013	Redacted								
Feb-2013	Redacted								



Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Core Supply Portfolio Composition  
 November 01, 2012 - February 28, 2013

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

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

(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 - February 28, 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)
Nov-2012	Redacted						
Dec-2012							
Jan-2013							
Feb-2013							
Total							

California Gas Transmission - Baia

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							
Total							

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

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

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

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

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							
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 - February 28, 2013**

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

<b>Winter Hedging Options</b>	<b>Non-Winter Hedging (4) Fixed for Floating Swaps</b>
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Execution Month	Coverage Period	CPIM Year	Volume (MMBtu)	Premium Cost	Volume (MMBtu)	Average Swap Price	Total Volume (MMBtu)
(a)	(b)	Redacted					
Nov-12	Apr - Oct 2013						
Dec-12	Apr - Oct 2013						
Jan-13							
Feb-13							
TOTAL	Non-Winter Hedges						
	Winter 12/13						
	Winter 13/14						
	Winter 14/15						

- 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.