

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Cumulative Summary

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

2014 - 1  
 May-14

Month/Year	<u>CANADIAN AND U.S. GAS COSTS</u>				<u>PIPELINE RESERVATION CHARGES</u>		<u>TOTAL CPIM PERFORMANCE</u>				<u>TOLERANCE BAND</u>		(Over)/Under Tolerance
	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Actuals	Benchmark	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Upper Limit	Lower Limit	
Nov-13	Redacted												
Dec-13	Redacted												
Jan-14	Redacted												
Feb-14	Redacted												
Mar-14	Redacted												
Apr-14	Redacted												
May-14	Redacted												
Jun-14	Redacted												
Jul-14	Redacted												
Aug-14	Redacted												
Sep-14	Redacted												
Oct-14	Redacted												
Total	Redacted												

Redacted

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

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

2013 - 2  
November-13

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Transport and Storage Costs

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

2013 - 3  
November-13

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							

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

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

2013 - 4  
November-13

Commodity Costs and Revenues	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

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

2013 - 5  
 November-13

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
Redacted							

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

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

2013 - 6  
November-13

Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	NOVA AECO	NOVA AECO	RUBY OPAL	RUBY OPAL	TW SAN JUAN	TW SAN JUAN	TOPOCK-BAJA	CITYGATE
Redacted														

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

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

2013 - 7  
November-13

Date	RUBY OPAL	NOVA AECO	<u>SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)</u>					<u>INDEXES AT CITYGATE (USD/MMBtu) (b)</u>							
			TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE		RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE

Redacted

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

Confidential Materia  
Submitted Pursuant to  
General Order 66-C and  
P.U. Code Section 583

2013 - 8  
November-13

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								



Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

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

2013 - 9  
 November-13

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d)	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu)	Ending Inventory (MMBtu)
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)
Redacted								

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

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

2013 - 10  
November-13

Pipeline	MMBtu	Amount
Redacted		

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

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

2013 - 11  
December-13

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMbtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Transport and Storage Costs

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

2013 - 12  
December-13

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							

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

Confidential Material  
Submitted Pursuant to  
General Order 66-C and  
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2013 - 13  
December-13

<u>Commodity Costs and Revenues</u>	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

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

2013 - 14  
 December-13

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
Redacted							

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

Confidential Material  
Submitted Pursuant to  
General Order 66-C and  
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2013 - 15  
December-13

Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	NOVA AECO	NOVA AECO	TW SAN JUAN	RUBY OPAL	TW SAN JUAN	RUBY OPAL	TOPOCK-BAJA	CITYGATE	CITYGATE
Redacted															

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

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

2013 - 16  
December-13

Date	SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)						INDEXES AT CITYGATE (USD/MMBtu) (b)							
	RUBY OPAL	NOVA AEEO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AEEO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
Redacted														



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

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

2013 - 17  
December-13

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

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

2013 - 18  
 December-13

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d)	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu)	Ending Inventory (MMBtu)
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)

Redacted

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

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

2013 - 19  
December-13

Pipeline	MMBtu	Amount
Redacted		

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

Confidential Material  
Submitted Pursuant to  
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2014 - 20  
January-14

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMbtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Transport and Storage Costs

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

2014 - 21  
January-14

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							

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

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

2014 - 22  
January-14

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>			
Redacted			

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
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2014 - 23  
 January-14

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
Redacted							

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

Confidential Material  
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General Order 66-C and  
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2014 - 24  
January-14

Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	NOVA AECO	NOVA AECO	RUBY OPAL	TW SAN JUAN	RUBY OPAL	TW SAN JUAN	TOPOCK-BAJA	CITYGATE
Redacted														



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

Confidential Material  
Submitted Pursuant to  
General Order 66-C and  
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2014 - 25  
January-14

Date	<u>SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)</u>						<u>INDEXES AT CITYGATE (USD/MMBtu) (b)</u>							
	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
Redacted														

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

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

2014 - 26  
January-14

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RIIRY-OPAL	NOVA-AECO	TW-SAN ILIJAN	GTN-KINGSGATE	KR-OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

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

2014 - 27  
 January-14

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (MMBtu) (c)
Redacted								

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

Confidential Material  
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P.U. Code Section 583

2014 - 28  
January-14

Pipeline	MMBtu	Amount
Redacted		

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

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

2014 - 29  
February-14

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Transport and Storage Costs

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

2014 - 30  
February-14

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							

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

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

2014 - 31  
February-14

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Commodity Costs and Revenues			
Redacted			

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

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

2014 - 32  
 February-14

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
Redacted							



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

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

2014 - 33  
February-14

Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	NOVA AECO	NOVA AECO	RUBY OPAL	RUBY OPAL	TW SAN JUAN	TW SAN JUAN	TOPOCK-BAJA	CITYGATE
Redacted														

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

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

2014 - 34  
February-14

Date	<u>SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)</u>								<u>INDEXES AT CITYGATE (USD/MMBtu) (b)</u>						
	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE		RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE

Redacted

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

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

2014 - 35  
February-14

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

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

2014 - 36  
 February-14

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d)	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu)	Ending Inventory (MMBtu)
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)
Redacted								

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

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

2014 - 37  
February-14

Pipeline	MMBtu	Amount
Redacted		

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

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

2014 - 38  
March-14

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMbtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Transport and Storage Costs

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

2014 - 39  
March-14

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							

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

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

2014 - 40  
March-14

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>			
Redacted			



Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

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

2014 - 41  
 March-14

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
Redacted							

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

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

2014 - 42  
March-14

Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AFECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	NOVA AFECO	NOVA AFECO	TW SAN JUAN	RUBY OPAL	TW SAN JUAN	RUBY OPAL	TOPOCK-BAJA	CITYGATE
Redacted														

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

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

2014 - 43  
March-14

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
Redacted														

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

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

2014 - 44  
March-14

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
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2014 - 45  
 March-14

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (MMBtu) (c)
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Redacted

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

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

2014 - 46  
March-14

Pipeline	MMBtu	Amount
Redacted		

Pacific Gas and Electric Company  
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Commodity Purchases and Sales

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

2014 - 47  
April-14

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMbtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Transport and Storage Costs

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

2014 - 48

April-14

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							



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2014 - 49  
April-14

Commodity/ Costs and Revenues	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
Redacted			

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
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2014 - 50  
 April-14

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
Redacted							

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Daily Benchmark Sequence

Confidential Material  
Submitted Pursuant to  
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2014 - 51  
April-14

Date	Benchmark Load at Citygate	BURY ORAL	NOVA AECO	TW SAN JUAN	GTN KINGS GATE	KR ORAL	TW SAN JUAN	NOVA AECO	BURY ORAL	TW SAN JUAN	BURY ORAL	NOVA AECO	TO ROCK BALD	CITYGATE
Redacted														

Pacific Gas and Electric Company  
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Daily Benchmark Summary

Confidential Material  
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2014 - 52  
April-14

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

Date	RUBY-OPAL	NOVA-AECO	TW-SAN-JUAN	GTN-KINGSGATE	KR-OPAL	TOPOCK-BAJA	CITYGATE	RUBY-OPAL	NOVA-AECO	TW-SAN-JUAN	GTN-KINGSGATE	KR-OPAL	TOPOCK-BAJA	CITYGATE
Redacted														

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

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

2014 - 53  
April-14

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

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

2014 - 54  
 April-14

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (MMBtu) (c)
Redacted								

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

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

2014 - 55

April-14

Pipeline	MMBtu	Amount
Redacted		

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

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

2014 - 56  
May-14

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMBtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							



Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Transport and Storage Costs

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

2014 - 57  
May-14

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							

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

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

2014 - 58  
May-14

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>			
Redacted			

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Benchmark Load

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

2014 - 59  
May-14

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
Redacted							

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

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

2014 - 60  
May-14

Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	RUBY OPAL	TW SAN JUAN	NOVA AECO	RUBY OPAL	NOVA AECO	TW SAN JUAN	TOPOCK-BAJA	CITYGATE
Redacted														

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

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

2014 - 61  
May-14

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
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Redacted

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

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

2014 - 62  
May-14

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

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

2014 - 63  
 May-14

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (MMBtu) (c)
Redacted								

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

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

2014 - 64  
May-14

Pipeline	MMBtu	Amount
Redacted		



Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Capacity Utilization

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

2014 - 65  
 May-14

PG&E CALIFORNIA GAS TRANSMISSION

NORTH PATH-REDWOOD

PG&E CALIFORNIA GAS TRANSMISSION

TOPOCK-BAJA

PG&E CALIFORNIA GAS TRANSMISSION		NORTH PATH-REDWOOD			PG&E CALIFORNIA GAS TRANSMISSION		TOPOCK-BAJA					
Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Net Contract Capacity (c)+(d)	Gas Delivered	Percentage Utilization (f)/(e)	Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Capacity Release	Net Contract Capacity (c)+(d)	Gas Delivered	Percentage Utilization (f)/(e)

Redacted

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Capacity Utilization

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

2014 - 66  
 May-14

KERN RIVER GAS TRANSMISSION COMPANY

RUBY PIPELINE, L.L.C.

Month/Year	Daily Volume	Days In Month	Contract	Capacity	Net Contract	Percentage	Utilization	Month/Year	Daily Volume	Days In Month	Contract Capacity	Capacity Release	Net Contract	Percentage	Utilization
	(MMBtu)		(MMBtu)		Capacity				Capacity		(MMBtu)		(MMBtu)		
	(a)	(b)	(a)x(b)	(d)	(c)+(d)	(f)/(e)		(a)	(b)	(a)x(b)	(d)	(c)-(d)	(e)	(f)/(e)	(g)

Redacted

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Portfolio Composition

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

2014 - 67  
May-14

Month/Year	Swing	<u>MMBtu Purchases</u>			Swing	<u>Average Price (USD)</u>			Swing	<u>Percentage of Total</u>	
		Prompt	Term	Total		Prompt	Term	Total		Prompt	Term
Redacted											

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Executed Hedge Summary

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

2014 - 68  
May-14

Execution Month	Coverage Period	Option Volumes (MMBtu)	Option Premiums	Swap Volumes (MMBtu)	Swap Average Price	Total Volume (MMBtu)
Redacted						

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 AECO Index

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

2014 - 69  
 May-2014

Month/Year (a)	AECO Index CAN\$/GJ (1) (b)	Conversion of Index to C\$/MMBtu (2) (c)	Foothills Fuel % (d)	Index Grossed Up for Fuel (c) / (1-(d)) (e)	Monthly Exchange Rate (3) (f)	Index @ Kingsgate U\$/MMBtu (e) / (f) (g)	GTN Fuel % (h)	Index Grossed Up for Fuel (g) / (1-(h)) (i)	GTN Volumetric Rate (i)	Total Index @ Malin (i) + (j) (k)	CGT Fuel % (l)	Index Grossed Up for Fuel (k) / (1-(l)) (m)	Redwood CGT Volumetric Rate (n)	Total Index @ Citygate (m) + (n) U\$/MMBtu (o)
Redacted														

Redacted

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Kingsgate Index

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

2014 - 70  
 May-2014

Month/Year (a)	AECO Index CAN\$/GJ (1) (b)	NOVA IT Rate CAN\$/GJ (c)	Foothills Fuel % (d)	Foothills IT Rate CAN\$/GJ (e)	Monthly Exchange Rate (2) (f)	Index @ Kingsgate US\$/MMBtu (3) (g)	GTN Fuel % (h)	Index Grossed Up for Fuel (g) / [1-(h)] (i)	GTN Volumetric Rate (i)	Total Index @ Malin (i) + (j) (k)	CGT Fuel % (l)	Index Grossed Up for Fuel (k) / [1-(l)] (m)	Redwood CGT Volumetric Rate (n)	Total Index @ Citygate (m) + (n) US\$/MMBtu (o)
Redacted														

Redacted

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Rockies Ruby Index

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

2014 - 71  
 May-2014

Month/Year (a)	Ruby Index \$/MMBtu (1) (b)	Ruby Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	Ruby Volumetric Rate (e)	Index @ Malin \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Redwood Volumetric Rate (i)	Total Index @ Citygate \$/MMBtu (h) + (i) (j)
Redacted									

Redacted

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Rockies Kern Index

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

2014 - 72  
 May-2014

Month/Year (a)	Kern Index \$/MMBtu (1) (b)	Kern Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	Kern Volumetric Rate (e)	Index @ Daggett \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Baja Volumetric Rate (i)	Total Index @ Citygate \$/MMBtu (h) + (i) (j)
Redacted									

Redacted



Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 El Paso/SJ Index

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

2014 - 73  
 May-2014

Month/Year (a)	El Paso Index \$/MMBtu (1) (b)	El Paso Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	El Paso Volumetric Rate (e)	Index @ Topock \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Volumetric Rate (i)	El Paso Index @ Citygate \$/MMBtu (h) + (i) (j)	Transwestern Index @ Citygate \$/MMBtu (k)	El Paso % (l)	Transwestern % (m)	Total Index @ Citygate \$/MMBtu (n)
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Redacted

Redacted

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Transwestern Index

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

2014 - 74  
 May-2014

Month/Year (a)	Transwestern Index (1) \$/MMBtu (b)	Transwestern Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	Transwestern Volumetric Rate (e)	Index @ Topock \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Volumetric Rate (i)	Total Index @ Citygate \$/MMBtu (h) + (i) (j)
Redacted									

Redacted

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Topock and Citygate Daily Index

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

2014 - 75  
May-2014

Date (a)	Daily Index @ Topock \$/MMBtu (1) (b)	CGT Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	CGT Volumetric Rate (e)	Total Index @ Citygate \$/MMBtu (d) + (e) (f)	PG&E Citygate Index \$/MMBtu (2) (g)
Redacted						

Redacted