

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
 March-14

CANADIAN AND U.S. GAS COSTS

PIPELINE RESERVATION CHARGES

TOTAL CPIM PERFORMANCE

TOLERANCE BAND

Month/Year	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Actuals	Benchmark	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Upper Limit	Lower Limit	(Over)/Under Tolerance
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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

	<u>Actual Costs</u>	<u>Benchmark Costs</u>	<u>Benchmark - Actual Costs</u>
<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

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

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

Date RUBY OPAI NOVA AFCC TW SAN JUAN GTN KINGSGATE KR OPAI TOPOCK-BAJA CITYGATE | RUBY OPAI NOVA AFCC TW SAN JUAN GTN KINGSGATE KR OPAI 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 - 8
November-13

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

Date	RUBY OPAL	NOVA AFCC	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) ⁰ +(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

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
P.U. Code Section 583

2013 - 13
December-13

	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

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
P.U. Code Section 583

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	<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

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) ⁰ +(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

2013 - 19
December-13

Pipeline	MMBtu	Amount
Redacted		

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

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

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

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
 P.U. Code Section 583

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
Submitted Pursuant to
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P.U. Code Section 583

2014 - 24
January-14

Benchmark Load

Date	at Citygate	BURY ORAL	NOVA AECO	TW SAN JUAN	CTALKINGSGATE	KRORAL	NOVA AECO	NOVA AECO	BURY ORAL	TW SAN JUAN	BURY ORAL	TW SAN JUAN	TOBOCK BAJA	CITYGATE
Redacted														

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

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

2014 - 25
January-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 Materia
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	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 - 27
 January-14

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking (d)	Ending Inventory (e) ⁰ +(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 - 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
<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 - 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

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 - 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) ⁰ +(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
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 - 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
Submitted Pursuant to
General Order 66-C and
P.U. Code Section 583

2014 - 43
March-14

Date	SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)							INDEXES AT CITYGATE (USD/MMBtu) (b)						
	RUBY OPAL	NOVA AFECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAIA	CITYGATE	RUBY OPAL	NOVA AFECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAIA	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
 P.U. Code Section 583

2014 - 45
 March-14

PG&E FIRM STORAGE

Redacted

Date	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking (d)	Ending Inventory (e) ⁰ +(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 - 46
March-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 - 47
 March-14

PG&E CALIFORNIA GAS TRANSMISSION

NORTH PATH-REDWOOD

PG&E CALIFORNIA GAS TRANSMISSION

TOPOCK-BAJA

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

EL PASO NATURAL GAS COMPANY, L.L.C.

GAS TRANSMISSION NORTHWEST LLC

Month/Year	Daily Volume (MMBtu) (a)	Days In Month (b)	Contract Capacity (MMBtu) (a)x(b) (c)	Capacity Release (d)	Net Contract Capacity (c)+(d) (e)	Gas Delivered (f)	Percentage Utilization (f)/(e) (g)	Month/Year	Daily Volume (MMBtu) (a)	Days In Month (b)	Contract Capacity (MMBtu) (a)x(b) (c)	Capacity Release (d)	Net Contract Capacity (c)+(d) (e)	Gas Delivered (f)	Percentage Utilization (f)/(e) (g)
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 - 48
 March-14

KERN RIVER GAS TRANSMISSION COMPANY

RUBY PIPELINE, L.L.C.

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

TRANSWESTERN PIPELINE COMPANY

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

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

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

2014 - 49

March-14

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

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

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

2014 - 50
March-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 - 51
 March-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 US\$/MMBtu (e) / (f) (g)	GTN Fuel % (h)	Index Grossed Up for Fuel (g) / (1-(h)) (i)	GTN Volumetric Rate (j)	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)
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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Kingsgate Index

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2014 - 52
 March-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 (j)	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)
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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Rockies Ruby Index

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2014 - 53
 March-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)
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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Rockies Kern Index

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2014 - 54
 March-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)
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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 El Paso/SJ Index

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2014 - 55
 March-2014

Month/Year	El Paso Index \$/MMBtu (1)	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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Pacific Gas and Electric Company
 Core Gas Supply CPIM Calculation
 Transwestern Index

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2014 - 56
 March-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)
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Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Topock and Citygate Daily Index

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2014 - 57
November-2013

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 (2) (g)
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Core Gas Supply CPIM Calculation
Topock and Citygate Daily Index

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2014 - 58
December-2013

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 (2) (g)
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Core Gas Supply CPIM Calculation
Topock and Citygate Daily Index

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2014 - 59
January-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 (2) (g)
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Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Topock and Citygate Daily Index

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2014 - 60
February-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 (2) (g)
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Pacific Gas and Electric Company
Core Gas Supply CPIM Calculation
Topock and Citygate Daily Index

Confidential Material
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2014 - 61
March-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 (2) (g)
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