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

| Actuals % of Month/Year Actuals Benchmark Benchmark - Actuals Benchmark Actuals Benchmark Actuals Benchmark Actuals Benchmark Lipper Limit Lower Limit Nov-13 Dec-13 | |
|---|--------------|
| Nov-13 Redacted | (Over)/Under |
| | Tolerance |
| Dec-13 | |
| | |
| Jan-14 | |
| Feb-14 | |
| Mar-14 | |
| Apr-14 | |
| May-14 | |
| Jun-14 | |
| Jul-14 | |
| Aug-14 | |
| Sep-14 | |
| Oct-14 | |
| Tota | |

| Redacted | | | |
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2013 - 2 November-13

| | | | | Net Purchases | | | |
|----------|----------|-----------|---------|---------------|----------------|---------------|------------------------|
| | | | | and Sales | | | |
| | | Purchases | Sales | (MMbtu) | | | Total Net Costs |
| | | (MMBtu) | (MMBtu) | (a)+(b) | Purchase Costs | Sales Revenue | (d)+(e) |
| Pipeline | Location | (a) | (b) | (c) | (d) | (e) | (f) |
| Redacted | | | | | | | |
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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 | | | | | | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Performance Summary

2013 - 4 November-13

Benchmark - Actual **Actual Costs** Benchmark Costs Costs Redacted

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 Benchmark Load

Citygate

2013 - 5 November-13

| Date | Burner Tip Determined Usage (Therms) (a) | 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 | (a) | (5) | (0) | (u) | (e) | (1) | 181 |
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2013 - 6 November-13

| | Benchmark Load | | | | | | | | | | | | |
|----------|----------------|-----------|-----------|---------------------------|---------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|----------|
| Redacted | 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 | | | | | | | | | | | | | |
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2013 - 7 November-13

| | | | SEQUENCED V | OLUMES AT CITYGATI | <u>E</u> (MMBtu) (a) | | | | | INDEXES A | AT CITYGATE (USD/M | MBtu) (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 |
| edacted | | | | | | | | | | | | | | |
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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 Redacted | TOTAL |
|---|-------|
| | TOTAL |
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2013 - 9 November-13

| lovember-13 | | | PG&E FIRM STORAG | <u>3E</u> | | Red | acted | |
|-------------|--|--|-----------------------------------|----------------|--|---|---|----------------------------------|
| ate | Injection/ Withdrawal (MMBtu) (a) | Imbalance Trading (MMBtu) (b) | Sales/Transfers (MMBtu) (c) | Parking (d) | Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) (e) | Nominations at Field (MMBtu) (a) | Equivalent at Citygate (MMBtu) (b) | Ending Invento (MMBtu) (c) |
| edacted | | | | | | | | |
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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

| Pineline | MMBtu | Amount |
|----------------------|-------|--------|
| Pineline Redacted | | |
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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 | | | | | | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Transport and Storage Costs

2013 - 12 December-13

| | | Fixed Reservation Costs (USD) | Discount | Capacity Release Revenue | Cost Subtotal (a)+(b)+(c) | Volumetric Transportation Costs (USD) | Total Costs (d)+(e) |
|-------------------------------|----------|-------------------------------------|----------|-----------------------------|------------------------------|---|------------------------|
| Pipeline/Facility Redacted | Contract | (a) | (b) | (c) | (d) | (e) | (f) |
| Redacted | | | | | | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Performance Summary

2013 - 13 December-13

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

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 Benchmark Load

2013 - 14 December-13

| | Burner Tip Determined Usage (Therms) | Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) | Citygate Determined Usage (MMBtu) (b)/10 | Operating Imbalance Adjustment (MMBtu) | Firm Storage Profile Inj/(Wth) (MMBtu) (e) | Incremental Storage Inj/(Wth) (MMBtu) | Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) |
|----------|---|--|--|---|---|--|--|
| Redacted | [8] | IDI | IGI | 101 | (6) | ITI | 181 |
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2013 - 15 December-13

| Date at Citygate RUBY OPAL NOVA AECO TW SAN JUAN GTN KINGSGATE REdacted | KR OPAL | NOVA AECO | NOVA AECO | TW SAN JUAN | RUBY OPAL | TW SAN JUAN | RUBY OPAL | TOPOCK-BAJA | CITYGATE | CITYGATE |
|---|---------|-----------|-----------|-------------|-----------|-------------|-----------|-------------|----------|----------|
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2013 - 16 December-13

| December 15 | | | | | | | | | | | | | | |
|-------------|-----------|-----------|-------------|-------------------|----------------------|-------------|----------|-----------|-----------|-------------|--------------------|-----------|-------------|----------|
| | | | SEQUENCED V | OLUMES AT CITYGAT | <u>E</u> (MMBtu) (a) | | | | | INDEXES A | AT CITYGATE (USD/M | MBtu) (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 | | | | | | | | | | | | | | |
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2013 - 17

| December-13 | | | TOTAL COMMOD | DITY BENCHMARK (US | 6D) (c) = (a) x (b) | | 1 | |
|-------------|-----------|-----------|--------------|--------------------|---------------------|-------------|----------|-------|
| Redacted | RURY OPAI | ΝΟΥΑ ΑΕΓΟ | TW SAN IIIAN | GTN KINGSGATE | кв Ораі | TOPOCK-RAIA | CITYGATE | ΤΟΤΔΙ |
| Redacted | | | | | | | | |
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Redacted

2013 - 18 December-13

| Withdrawal Trading Sales/Transfers Ending inventory Field Citygate Ending inventor (MMBtu) (MMBtu) (MMBtu) Parking (e)°+(a)+(b)+(c)+(d) (MMBtu) (MMBtu | | Injection/ | Imbalance | | _ | | Nominations at | Equivalent at | |
|--|-----------|------------|-----------|-----------------|---------|-----------------------------------|----------------|---------------|------------------|
| (MMBtu) (MMBtu) (MMBtu) Parking (e) ⁰ +(a)+(b)+(c)+(d) (MMBtu) (MMBtu) (MMBtu) | | injection/ | imparance | | | Fording to contain | Nominations at | Equivalent at | |
| (MMBtu) (MMBtu) (MMBtu) (MMBtu) (Parking (e)°+(a)+(b)+(c)+(d) (MMBtu) | | Withdrawal | Trading | Sales/Transfers | | Ending inventory | Field | Citygate | Ending Inventory |
| pate (a) (b) (c) (d) (e) (a) (b) (c) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f | | (MMBtu) | (MMBtu) | (MMBtu) | Parking | (e) ⁰ +(a)+(b)+(c)+(d) | (MMBtu) | (MMBtu) | (MMBtu) |
| Redacted | Date | (a) | (b) | (c) | (d) | (e) | (a) | (b) | (c) |
| | Redacted | | | | | <u> </u> | | | |
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PG&E FIRM STORAGE

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 |
|-------------------|-------|--------|
| Pipeline Redacted | | |
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2014 - 20

January-14

| | | | | Net Purchases | | | |
|----------|----------|----------------------|------------------|---------------------------------|----------------|---------------|----------------------------|
| | | Purchases (MMBtu) | Sales (MMBtu) | and Sales (MMbtu) (a)+(b) | Purchase Costs | Sales Revenue | Total Net Costs (d)+(e) |
| Pipeline | Location | (a) | (b) | (c) | (d) | (e) | (f) |
| Redacted | | | | | | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Transport and Storage Costs

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

Benchmark - Actual

2014 - 22 January-14

Commodity Costs and Revenues

Redacted

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 Benchmark Load

Citygate

2014 - 23 January-14

| Date | Burner Tip Determined Usage (Therms) (a) | 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 | (a) | (5) | (0) | (u) | (e) | | (8) |
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2014 - 24 January-14

Becchanal Lod

Date ACCUSANT SUBCODAL MOVAACCO TAYSAN LIVAN CITALENGSCATE KEORAL NOVAACCO RODA ACCO BURYOPAL TWSAN LIVAN BURYOPAL TWSAN LIVAN TOPOCKRAIA CITYGATE

Redacted

Red

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2014 - 25 January-14

| 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 | | | | | | | | | | | | |
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 $\underline{\text{TOTAL COMMODITY BENCHMARK}}$ (USD) (c) = (a) x (b)

| Date | RURY OP AL | NOVA AFCO | TW SAN IIIAN | GTN KINGSGATE | KR OPAL | TOPOCK-RAIA | CITYGATE | TOTAL |
|----------|------------|-----------|--------------|---------------|---------|-------------|----------|-------|
| Redacted | | | | | | | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm and Incremental Storage

LODI GAS STORAGE, L.L.C.

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

2014 - 27 January-14

| | Injection/ Withdrawal (MMBtu) | Imbalance Trading (MMBtu) | Sales/Transfers (MMBtu) | Parking | Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) | Nominations at Field (MMBtu) | Equivalent at Citygate (MMBtu) | Ending Inventory (MMBtu) |
|----------|-------------------------------------|---------------------------------|----------------------------|---------|--|------------------------------------|--------------------------------------|-----------------------------|
| Redacted | , , | 71.5 | , , | 7.11 | , , | , , | | / 1 |
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PG&E FIRM STORAGE

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 |
|-------------------|-------|--------|
| Pipeline Redacted | | |
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2014 - 29 February-14

| | | | | | Net Purchases | | | |
|----------|----------|---|-----------|---------|---------------|----------------|---------------|-----------------|
| | | | | | and Sales | | | |
| | | | Purchases | Sales | (MMbtu) | | | Total Net Costs |
| | | | (MMBtu) | (MMBtu) | (a)+(b) | Purchase Costs | Sales Revenue | (d)+(e) |
| Pipeline | Location | | (a) | (b) | (c) | (d) | (e) | (f) |
| Redacted | | _ | | | | | | |
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2014 - 30 February-14

| PielineFacility | 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 | | (4) | (3) | (=) | (S) | (o) | (., |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Performance Summary

Benchmark - Actual

2014 - 31 February-14

Actual Costs Benchmark Costs Costs

Commodity Costs and Revenues

Redacted

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 Benchmark Load

Citygate

2014 - 32 February-14

| Data | Burner Tip Determined Usage (Therms) (a) | 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 | (a) | (6) | (0) | (u) | (e) | (1) | (8) |
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2014 - 33 February-14

Description of Load Red Control Ruby OPAL NOVA ASCO TW SAN JIAN CTN CONSIGNATE KROPAL NOVA ASCO NOVA ASCO RUBY OPAL RUBY OPAL

2014 - 34 February-14

| , | | | SEQUENCED V | OLUMES AT CITYGAT | E (MMBtu) (a) | | | | | INDEXES A | T CITYGATE (USD/M | MBtu) (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 | CITYGAT |
| Date Ledacted | | | | | | | | | | | | | | |
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2014 - 35

February-14 <u>TOTAL COMMODITY BENCHMARK</u> (USD) (c) = (a) x (b)

| Date | RUBY OPAL | NOVA AECO | TW SAN JUAN | GTN KINGSGATE | KR OPAL | TOPOCK-BAJA | CITYGATE | TOTAL |
|----------|-----------|-----------|-------------|---------------|---------|-------------|----------|-------|
| Redacted | | | | | | | | |
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LODI GAS STORAGE, L.L.C.

2014 - 36 February-14

| | | | · GOLTINIA STONAGE | - | 200, 0/0 0/0 | | | | | |
|----------|--|--|-----------------------------------|----------------|--|---|---|------------------------------------|--|--|
| Date | Injection/ Withdrawal (MMBtu) (a) | Imbalance Trading (MMBtu) (b) | Sales/Transfers (MMBtu) (c) | Parking (d) | Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) (e) | Nominations at Field (MMBtu) (a) | Equivalent at Citygate (MMBtu) (b) | Ending Inventory (MMBtu) (c) | | |
| Redacted | 107 | (2) | (c) | 107 | (c) | 107 | 127 | (0) | | |
| Reducted | | | | | | | | | | |
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PG&E FIRM STORAGE

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 |
|-------------------|-------|--------|
| Pipeline Redacted | | |
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2014 - 38 March-14

| | | | | Net Purchases | | | |
|---------------------|----------|-----------|---------|---------------|----------------|---------------|-----------------|
| | | | | and Sales | | | |
| | | Purchases | Sales | (MMbtu) | | | Total Net Costs |
| | | (MMBtu) | (MMBtu) | (a)+(b) | Purchase Costs | Sales Revenue | (d)+(e) |
| Pieline | Location | (a) | (b) | (c) | (d) | (e) | (f) |
| Pieline Redacted | | | | | | | |
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2014 - 39 March-14

| | | Fixed Reservation Costs (USD) | Discount | Capacity Release Revenue | Cost Subtotal (a)+(b)+(c) | Volumetric Transportation Costs (USD) | Total Costs (d)+(e) |
|-----------------------------------|----------|-------------------------------------|----------|-----------------------------|------------------------------|---|------------------------|
| <u>PielineFacilit</u> Redacted | Contract | (a) | (b) | (c) | (d) | (e) | (f) |
| Cedacted | | | | | | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Performance Summary

Benchmark - Actual

2014 - 40 March-14

Actual Costs Benchmark Costs Costs

Commodity Costs and Revenues

Redacted

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

| D-4- | Benchmark Load | BUBY OBAY | NOVA AFGO | TW SAN IIIAN GTN KINGSGATE | KD ODAY | NOVA AFGO | NOV4 4500 | TALCAN HIAN | DUDY ODAY | THICANIHAN | DUDY ODA | T0000% BAIA | CITYCATE |
|----------|----------------|-----------|--------------|------------------------------|---------|-----------|-------------|--------------|------------|--------------|----------|---------------|----------|
| Redacted | ar (IN/dare | RIBVIDAI | NI IVA AFTTI | TW SAN ITAN 15 IN KINGSCSATE | KRIIDAI | MINA AFOI | MIN/A AFTTI | TW SAN IIIAN | RIIRVIIDAI | TA/ SARITIAN | RIBVIDA | II DIR K-RAIA | THVGATE |
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2014 - 43 March-14

| | SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a) | INDEXES AT CITYGATE (USD/MMBtu) (b) |
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| Redacted | THE STREET WAS ASSETTED TO SOME TO SOME STREET STREET STREET STREET STREET | TORON DIA CITY OF THE COLUMN C |
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2014 - 44 March-14

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

| ъ. | DUDY ODAL | NOVA AFOO | T14/ C 4 81 11/4 81 | CTN KINGGOATE | VD 0041 | TODOCK DAIA | CITYCATE | TOTAL |
|----------|-----------|-----------|---------------------|---------------|---------|-------------|----------|-------|
| Redacted | RUBY OPAL | NOVA AECO | I W SAN JUAN | GTN KINGSGATE | KR OPAL | TOPOCK-BAJA | CITYGATE | TOTAL |
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Redacted

2014 - 45 March-14

| | | | - GOLLIMAN STORE | _ | | Ittea | acteu | |
|----------|--|--|-----------------------------------|----------------|--|---|---|------------------------------------|
| Date | Injection/ Withdrawal (MMBtu) (a) | Imbalance Trading (MMBtu) (b) | Sales/Transfers (MMBtu) (c) | Parking (d) | Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) (e) | Nominations at Field (MMBtu) (a) | Equivalent at Citygate (MMBtu) (b) | Ending Inventory (MMBtu) (c) |
| Dadaatad | (a) | (b) | (c) | (u) | (e) | (a) | (D) | (c) |
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PG&E FIRM STORAGE

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 Redacted | MMBtu | Amount |
|-------------------|-------|--------|
| Redacted | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Capacity Utilization

PG&E CALIFORNIA GAS TRANSMISSION

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

TOPOCK-BAJA

2014 - 47 March-14

PG&E CALIFORNIA GAS TRANSMISSION

NORTH PATH-REDWOOD

| OL CALII ORMIA | A OAS HIANSIMIS | 3310 N | | HORITITA | III KEDWOOD | | | T COLE CALIF CHINA | CAS INAINSMISSION | | | 10100 | K DAJA | | |
|----------------------|--------------------------------|----------------------|--|----------------------------|--|----------------------|---|--------------------|--------------------------------|----------------------|--|-------------------------|--|----------------------|--|
| onth/Year edacted | Daily Volume (MMBtu) (a) | Days In Month (b) | Contract Capacity (MMBtu) (a)x(b) | 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) | Percenta Utilizatio (f)/(e) (g) |
| dacced | | | | | | | | | | | | | | | |
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| SO NATURA | L GAS COMPANY | Y, L.L.C. | | | | | | GAS TRANSMISSION | N NORTHWEST LLC | | | | | | |
| | 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) | | Daily Volume (MMBtu) | Days In Month | Contract Capacity (MMBtu) (a)x(b) | Capacity Release | Net Contract Capacity (c)+(d) | Gas Delivered | Percenta Utilizatio (f)/(e) |
| dacted | | | | | | | | | | | | | | | |
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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 | Contract | | | | | RUBY PIPELINE, L.L.C. | | | | | | | |
|----------------|-------------------------|---------------|--|---------------------|-------------------------------------|---------------|--------------------------------|-----------------------|-------------------------|---------------|---|------------------|-------------------------------|---------------|--------------------------------|
| -Month/Vear | Daily Volume (MMBtu) | Days In Month | Capacity (MMBtu) (a)x(b) | Capacity Release | Net Contract Capacity (c)+(d) | Gas Delivered | Percentage Utilization (f)/(e) | Month/Year | 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 | | | | | | | | | | | | | | | |
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| TRANSWESTERN | PIPELINE COMPA | NY. | | | | | | | | | | | | | |
| | 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 | (a) | /h) | (c) | /d) | (c)+(d) (e) | If) | (1)/(e) | | | | | | | | |
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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 - 49

March-14

| | MMBtu Purchases | | | | | Average Price (USD) | | | | Percentage of Total | | | |
|------------|-----------------|--------|------|-------|-------|---------------------|------|-------|-------|---------------------|------|--|--|
| Month/Year | Swing | Prompt | Term | Total | Swing | Prompt | Term | Total | Swing | Prompt | Term | | |
| Redacted | | | | | | | | | | | | | |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Executed Hedge Summary

2014 - 50 March-14

Execution Coverage Option Volumes Option Swap Volumes Swap Average Total Volume
Redacted Pariod (MAMARIU) Pramitions (MAMARIU) Price (MAMARIU)

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 AECO Index

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

2014 - 51 March-2014

| Month/Year | AECO Index CAN\$/GJ (1) | Conversion of Index to C\$/MMBtu (2) | Foothills Fuel % | Index Grossed Up for Fuel (c) / (1-(d)) | Monthly Exchange Rate (3) | Index @ Kingsgate U\$/MMBtu (e) / (f) | GTN Fuel % | Index Grossed Up for Fuel (g) / (1-(h)) | GTN Volumetric Rate | Total Index @ Malin (i) + (j) | CGT Fuel % | Index Grossed Up for Fuel (k) / (1-(l)) | Redwood CGT Volumetric Rate | Total Index @ Citygate (m) + (n) U\$/MMBtu |
|------------|----------------------------|--|---------------------|--|---------------------------------|--|---------------|--|---------------------------|-------------------------------------|---------------|--|--------------------------------------|---|
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (i) | (k) | (1) | (m) | (n) | (0) |
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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 - 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 (i) | Total Index @ Malin (i) + (j) (k) | CGT Fuel % (I) | Index Grossed Up for Fuel (k) / [1-(I)] (m) | Redwood CGT Volumetric Rate (n) | Total Index @ Citygate (m) + (n) U\$/MMBtu (o) |
|----------------|-----------------------------------|------------------------------------|----------------------------|---|--|--|----------------------|---|----------------------------------|--|----------------------|---|---|--|
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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 - 53 March-2014

| | Ruby | D. I. | Index Grossed Up | D. I. | Index @ Malin | | Index Grossed Up | CGT Redwood | Total Index @ Citygate |
|------------|-----------------------|----------------|---------------------------|-------------------------|-----------------------|------------|---------------------------|--------------------|------------------------|
| Month/Year | Index \$/MMBtu (1) | Ruby Fuel % | for Fuel (b) / [1-(c)] | Ruby Volumetric Rate | \$/MMBtu (d) + (e) | CGT Fuel % | for Fuel (f) / [1-(g)] | Volumetric Rate | \$/MMBtu (h) + (i) |
| (a) | (b) | (c) | (d) | (e) | (d) (c) | (g) | (h) | (i) | (i) (i) |
| Redacted | 101 | 10) | 101 | 161 | 111 | 121 | 1111 | 117 | 11/ |
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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 - 54 March-2014

| | | | Index | | Index | | Index | | Total Index |
|------------|--------------|--------|---------------|-----------------|-----------|--------|---------------|------------|-------------|
| | | | Grossed Up | | @ Daggett | | Grossed Up | CGT Baja | @ Citygate |
| | Kern Index | Kern | for Fuel | Kern | \$/MMBtu | CGT | for Fuel | Volumetric | \$/MMBtu |
| Month/Year | \$/MMBtu (1) | Fuel % | (b) / [1-(c)] | Volumetric Rate | (d) + (e) | Fuel % | (f) / [1-(g)] | Rate | (h) + (i) |
| (2) | (b) | (c) | (4) | (a) | (f) | (a) | (h) | (i) | /i\ |
| dacted | | | | | | | | | |
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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 - 55 March-2014

| Month/Year (a) Redacted | 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) | Transwestern Index @ Citygate \$/MMBtu (k) | El Paso % (I) | Transwestern % (m) | Total Index @ Citygate \$/MMBtu (n) |
|-------------------------|---|--------------------------|---|--------------------------------------|---|----------------------|---|----------------------------------|---|--|---------------------|--------------------------|--|
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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 - 56 March-2014

| March-2014 | | | | | | | | | |
|------------|--------------|--------------|---------------|-----------------|-----------|--------|---------------|------------|-------------|
| | | | Index | | Index | | Index | | Total Index |
| | Transwestern | | Grossed Up | | @ Topock | | Grossed Up | CGT | @ Citygate |
| | Index (1) | Transwestern | for Fuel | Transwestern | \$/MMBtu | CGT | for Fuel | Volumetric | \$/MMBtu |
| Month/Year | \$/MMBtu | Fuel % | (b) / [1-(c)] | Volumetric Rate | (d) + (e) | Fuel % | (f) / [1-(g)] | Rate | (h) + (i) |
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
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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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2014 - 58 December-2013

| Date | Daily Index @ Topock \$/MMBtu (1) /h\ | CGT Fuel % | Index Grossed Up for Fuel (b) / [1-(c)] | CGT Volumetric Rate | Total Index @ Citygate \$/MMBtu (d) + (e) (f) | PG&E Citygate Index (2) (g) |
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| ledacted | (h) | (c) | (4) | (e) | (†) | (σ) |
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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) |
|---------|-------------|--|----------------------|---|----------------------------------|---|--------------------------------------|
| Redacte | d | | | | | | |
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2014 - 60 February-2014

| Daily Index Grossed Up CGT @ Citygate PG&i @ Topock CGT for Fuel Volumetric \$/MMBtu Cityga Date \$/MMBtu(1) Fuel% (b)/[1-(c)] Rate (d)+(e) Index((a) (b) (c) (d) (e) (f) (e) Redacted | E |
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2014 - 61 March-2014

| Date (a) | Daily Index @ Topock \$/MMBtu (1) /b\ | CGT Fuel % | Index Grossed Up for Fuel (b) / [1-(c)] | CGT Volumetric Rate | Total Index @ Citygate \$/MMBtu (d) + (e) (f) | PG&E Citygate Index (2) |
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| edacted (a) | In | 10) | (d) | (e) | (†) | [σ] |
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