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 February-14

| | | | CANADIAN AND | U.S. GAS COSTS | | PIPELINE RESERV | ATION CHARGES | | TOTAL CPIM F | PERFORMANCE | | | TOLERANCE BAND | |
|-----------|-----|---------|--------------|---------------------|---------------------------|-----------------|---------------|---------|--------------|---------------------|---------------------------|-------------|----------------|---------------------------|
| _ Month/Y | ear | Actuals | Benchmark | Benchmark - Actuals | Actuals % of Benchmark | Actuals | Benchmark | Actuals | Benchmark | Benchmark - Actuals | Actuals % of Benchmark | Upper Limit | Lower Limit | (Over)/Under Tolerance |
| Redact | ed | | | | | | | | | | | | | |
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| 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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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Transport and Storage Costs

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

Benchmark - Actual

2013 - 4 November-13

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 | (4) | (S) | (6) | (4) | (0) | (1) | (6) |
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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 IIIAN | TOPOCK-BAIA | CITYGATE |
|----------|-------------------------------|------------|------------|--|---------|-------------|-----------|------------|------------|---------------|--------------|---------------|----------|
| Redacted | | NODI OI AL | .1014 ALCO | THE STATE OF THE RESIDENCE OF THE STATE OF T | MOTAL | .10 VA ALCO | HOVA ALCO | NODI OI AL | HODI OI AE | , w Salesonie | . W JAN JOAN | . SI OCK-DAJA | SITIONIE |
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SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2013 - 7 November-13

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|----------|-----------|-----------|-------------|---------------------|---------|-------------|----------|-----------|-----------|-------------|---------------|---------|-------------|----------|
| 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 - 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 | | | | | | | | |
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LODI GAS STORAGE, L.L.C.

2013 - 9 November-13

| _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 | | | | | | | | |
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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 - 10

November-13

| Pipeline | MMBtu | Amount |
|-------------------|-------|--------|
| Pipeline 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

| 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

2013 - 13 December-13

Actual Costs Benchmark Costs Costs

Redacted

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

| 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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2013 - 15 December-13

| | Benchmark Load | | | | | | | | | | | | | |
|----------|----------------|-----------|-----------|---------------------------|---------|-----------|-----------|-------------|-----------|-------------|-----------|-------------|----------|----------|
| Date | 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 | | | | | | | | | | | | | | |
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SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2013 - 16 December-13

| 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 (U | SD) (c) = (a) x (b |) | 1 | |
|------------------|-----------|-----------|--------------|-------------------|--------------------|-------------|----------|-------|
| Date Redacted | RUBY OPAL | NOVA AECO | TW SAN JUAN | GTN KINGSGATE | KR OPAL | ТОРОСК-ВАЈА | CITYGATE | TOTAL |
| Redacted | | | | | | | | |
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Redacted

2013 - 18 December-13

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|----------|-------------------------------------|---------------------------------|----------------------------|---------|--|------------------------------------|--------------------------------|-----------------------------|--|--|
| | 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 | (2) | (b) | (6) | (4) | (0) | (2) | (h) | (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

2013 - 19

December-13

| Pipeline Redacted | MMBtu | Amount |
|-------------------|-------|--------|
| Redacted | | |
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2014 - 20

January-14

| MBtu) (MMBtu | and Sales (MMbtu) (a)+(b) | Purchase Costs | Sales Revenue | Total Net Costs (d)+(e) |
|--------------|---------------------------------|---|---|---|
| (h) | (c) | [4] | (e) | (+) |
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| | | chases Sales (MMbtu) MBtu) (MMBtu) (a)+(b) | and Sales chases Sales (MMbtu) MBtu) (MMBtu) (a)+(b) Purchase Costs | and Sales chases Sales (MMbtu) WBtu) (MMBtu) (a)+(b) Purchase Costs Sales Revenue |

2014 - 21 January-14

| Pipeline/Facility Redacted | 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

Redacted Revanue:

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 - 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 | | | | | | | |
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2014 - 24 January-14

| | Benchmark Load | | | | | | | | | | | | |
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| Redacted | at Citygate | KUBY 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 |
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2014 - 25 January-14

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| | 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 | | | | | | | | | | | | | | |
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2014 - 26 January-14

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

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

2014 - 27 January-14

| 0-4- | 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) |
|----------|--|--|-----------------------------------|----------------|--|----------------------------------|---|--------------------------|
| Redacted | rai | Ini | ICI | 101 | (e) | lai | 161 | IGI |
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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 | MMB | tu Amount |
|-------------------|-----|-----------|
| Pipeline 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 - 29 January-14

PG&E CALIFORNIA GAS TRANSMISSION

NORTH PATH-REDWOOD

| Daily Volume (MMBtu) h/Year (a) acted | 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) | Percenta Utilizatio (f)/(e) (g) |
|--|-------------------|---|----------------------------|-----------------------------------|----------------------|---|-----------------|--------------------------------|----------------------|--|-------------------------|--|----------------------|--|
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| O NATURAL GAS COMPAN | NY, L.L.C. | | | | | | GAS TRANSMISSIO | 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) | Month/Year | 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) |
| acted | | | | | | | | | | | | | | ••• |

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 - 30 January-14

KERN RIVER GAS TRANSMISSION COMPANY RUBY PIPELINE, L.L.C. Contract Capacity Percentage Contract Capacity Net Contract Percentage Daily Volume (MMBtu) Capacity Capacity Utilization Daily Volume (MMBtu) Capacity Utilization Days In Month Capacity Release (MMBtu) Days In Month (a)x(b) Release (c)+(d) Gas Delivered (f)/(e) (MMBtu) (a)x(b) (c)+(d) Gas Delivered (f)/(e) Redacted TRANSWESTERN PIPELINE COMPANY Contract Percentage Net Contract Capacity Daily Volume (MMBtu) Utilization Capacity Capacity (MMBtu) Days In Month (a)x(b) Release (c)+(d) Gas Delivered (f)/(e) Month/Year Redacted

2014 - 31 February-14

| Redacted | _Pineline | 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 | | | 1177 | 1117 | | | 117 |
| | | | | | | | | |

2014 - 32 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 | | (/ | (<i>y</i> | (-) | (/ | (-) | (-) |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Performance Summary

Benchmark - Actual

2014 - 33 February-14

Redacted

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

Citygate

2014 - 34 February-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) |
|----------|--|---|--|--|---|---|---|
| Redacted | (a) | (6) | (0) | (u) | (e) | (1) | (g) |
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2014 - 35 February-14

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2014 - 36 February-14

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| | | | SEQUENCED V | OLUMES AT CITYGAT | | | | | | | AT CITYGATE (USD/M | | | |
| 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 |
| Redacted | | | | | | | | | | | | | | |
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2014 - 37 February-14

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

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

2014 - 38 February-14

| | | | PG&E FIRM STORAG | <u>iE</u> | | Red | Redacted | | | |
|----------|--|--|-----------------------------------|----------------|--|---|---|------------------------------------|--|--|
| 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 | | | | | | | | | | |
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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

2014 - 39

February-14

| Pipeline | MMBtu | | Amount |
|-------------------|---------------------------------------|-----|--------|
| Pipeline Redacted | | | |
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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 - 40 February-14

| G&E CALIFORNIA GAS TRANSMISSION | | | NORTH PATH-REDWOOD | | | | PG&E CALIFORNIA G | TOPOCK-BAJA | | | | | | | |
|---------------------------------|-------------------------|---------------|-----------------------------------|---------------------|-------------------------------------|---------------|--------------------------------|------------------|-------------------------|---------------|---|------------------|-------------------------------|---------------|-------------------------------------|
| Month/Vear | 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) | Month/Year | Daily Volume (MMBtu) | Days In Month | Contract Capacity (MMBtu) (a)x(b) | Capacity Release | Net Contract Capacity (c)+(d) | Gas Delivered | Percentag Utilization (f)/(e) |
| dacted | | | | | | | | | | | | | | | |
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| <u>PASO NATURAI</u> | L GAS COMPANY | , L.L.C. | Contract | | | | | GAS TRANSMISSION | NORTHWEST LLC | | | | | | |
| | | | Contract Capacity (MMBtu) | Capacity | Net Contract Capacity | | Percentage Utilization | | Daily Volume | | Contract Capacity (MMBtu) | | Net Contract Capacity | | Percentag Utilizatio |
| | Daily Volume (MMBtu) | Days In Month | (a)x(b) | Release | (c)+(d) | Gas Delivered | (f)/(e) | | (MMBtu) | Days In Month | (a)x(b) | Capacity Release | (c)+(d) | Gas Delivered | (f)/(e) |
| | | Days In Month | | | (c)+(d) | Gas Delivered | (f)/(e) | | (MMBtu) | Days In Month | (a)x(b) | Capacity Release | (c)+(d) | Gas Delivered | (f)/(e) |
| | | Days In Month | | | {c}+{d} | Gas Delivered | (f)/(e) | | (MMBtu) | Days In Month | (a)x(b) | Capacity Release | (c)+(d) | Gas Delivered | (f)/(e) |
| | | Days In Month | | | (c)+(d) | Gas Delivered | (f)/(e) | | (MMBtu) | Days In Month | (a)x(b) | Capacity Release | (c)+(d) | Gas Delivered | (f)/(e) |
| | | Days In Month | | | (c)+(d) | Gas Delivered | (f)/(e) | | (MMBtu) | Days In Month | (a)x(b) | Capacity Release | (c)+{d} | Gas Delivered | (f)/(e) |
| | | Days In Month | | | (c)+(d) | Gas Delivered | (f)/(e) | | (MMBtu) | Days In Month | (a)x(b) | Capacity Release | (c)+(d) | Gas Delivered | (f)/(e) |
| edacted | | Days In Month | | | (c)+(d) | Gas Delivered | (f)/(e) | | (MMBtu) | Days In Month | (a)x(b) | Capacity Release | (c)+{d} | Gas Delivered | (f)/(e) |

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 - 41 February-14

KERN RIVER GAS TRANSMISSION COMPANY RUBY PIPELINE, L.L.C. Contract Capacity Percentage Contract Capacity Net Contract Percentage Daily Volume Daily Volume (MMBtu) Capacity Capacity Utilization (MMBtu) Capacity Utilization (MMBtu) Days In Month (a)x(b) Release (c)+(d) Gas Delivered (f)/(e) (MMBtu) Days In Month (a)x(b) Capacity Release (c)+(d) Gas Delivered (f)/(e) Month/Year Redacted TRANSWESTERN PIPELINE COMPANY Contract Percentage Net Contract Capacity Daily Volume (MMBtu) Utilization Capacity Capacity (a)x(b) (f)/(e) 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 - 42 February-14

| | | | Average Pr | rice (USD) | | <u>P</u> | 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 - 43 February-14

Execution Coverage Option Volumes Option Swap Volumes Swap Average Total Volume

Month Period (MMBtu) Premiums (MMBtu) Price (MMBtu)

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 AECO Index

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

2014 - 44 February-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) | (j) | (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 - 45 February-2014

| Month/Year | AECO Index CAN\$/GJ (1) (b) | NOVA IT Rate CAN\$/GJ | Foothills Fuel % (d) | Foothills IT Rate CAN\$/GJ (e) | Monthly Exchange Rate (2) (f) | Index @ Kingsgate US\$/MMBtu (3) | GTN Fuel % (b) | Index Grossed Up for Fuel (g) / [1-(h)] | 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 |
|------------|-----------------------------------|-----------------------------|----------------------------|---|--|---|----------------------|--|----------------------------------|--|----------------------|---|---|---|
| Redacted | In | (5) | ini | rei | (1) | 121 | ini | 111 | 111 | 181 | 111 | imi | ini | 103 |
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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 - 46 February-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 | (6) | (0) | (u) | (e) | (1) | (8) | (11) | (1) | ()) |
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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 - 47 February-2014

| ebruary-2014 | | | | | | | | | |
|--------------|--------------|--------|---------------------|-----------------|--------------------|--------|---------------------|------------|---------------------------|
| | | | Index Grossed Up | | Index @ Daggett | | Index Grossed Up | CGT Baja | Total Index @ 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) |
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (i) |
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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 - 48 February-2014

| Month/Year | El Paso Index \$/MMBtu (1) | El Paso Fuel % | Index Grossed Up for Fuel (b) / [1-(c)] | El Paso Volumetric Rate | Index @ Topock \$/MMBtu (d) + (e) | CGT Fuel % | Index Grossed Up for Fuel (f) / [1-(g)] | CGT Volumetric Rate | El Paso Index @ Citygate \$/MMBtu (h) + (i) | Transwestern Index @ Citygate \$/MMBtu | El Paso % | Transwestern % (m) | Total Index @ Citygate \$/MMBtu |
|------------|----------------------------------|-------------------|--|-------------------------------|--|---------------|--|---------------------------|---|---|--------------|--------------------------|---------------------------------------|
| Redacted | IN | 171 | IN | 12. | | 181 | IN | | | 10. | | | |
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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 - 49 February-2014

| February-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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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Daily Index

2014 - 50 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) |
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Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Daily Index

2014 - 51 December-2013

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

2014 - 52 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) |
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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 Topock Daily Index

2014 - 53 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) |
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2014 - 54 November-2013 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation PGE Citygate Daily Index

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

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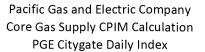
2014 - 55 December-2013 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation PGE Citygate Daily Index

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

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

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