



Electronic Data Interchange

867 v.4010

Tutorial

(Last revision on March 1, 2004)

PG&E 867 TRANSACTION



Initial Release Date - June 30, 1999

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Initial Release Date - June 30, 1999

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PG&E 867 TRANSACTION



MONTHLY-OUT – NON-TOTALIZED METER WITH KILOWATT HOUR (KH) ORIGINAL DATA

MDMA/UTILITY ✂ ESP (PG&E ACTING AS MDMA)

HEADING:

ST*867*000000524!

Start of 867 with transaction set ID.

BPT*00*199904300015*19990430*DD**0223!**

Original Usage (00) with record ID 199904300015 for a monthly non-TOU and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000006599458!

MDMA's XREF ID for the End-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000006599458!

PG&E's XREF ID.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100000722!

ESP's customer account number.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilowatt hour (from last REF below) usage for the unit of measure for Electric Meter Usage.

DTM*150**DT*199903131500!**

Service Period Start.

DTM*151**DT*199904151500!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000006599458!**

Service Delivery Point number.

REF*MG*0K0897!

Meter Number.

REF*MT*KHMON!

Meter Data Type = Monthly Kilowatt Hour (KHMON).

QTY*32*315!

Customer's Normal Usage.

MEAMU*5*KH**2163!**

Multiplier of 5 with Kilowatt Hour (KH) ending read of 2163.

SUMMARY:

SE*18*000000524!

End of transaction with 18 transmitted segments (including SE) and the transaction set ID.

PG&E 867 TRANSACTION



MONTHLY-OUT – NON-TOTALIZED METER WITH KILOWATT DEMAND (K1) CORRECTED DATA

MDMA/UTILITY ✂ ESP (PG&E ACTING AS MDMA)

HEADING:

ST*867*000000526!

Start of 867 with transaction set ID.

BPT*CO*199904300015*19990430*DD**0223!**

Corrected Usage (CO) transaction with transaction set ID for a monthly non-TOU and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000006599458!

MDMA's XREF ID for the end-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000006599458!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100000722!

ESP's customer account number.

DETAIL:

PTD*PM*OZ*EL!**

Non-totalized monthly kilowatt demand (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199903131400!**

Service Period Start.

DTM*151**DT*199904151400!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000006599458!**

Service Delivery Point number.

REF*MG*0K0897!

Meter Number.

REF*MT*K1MON!

Meter Data Type = Monthly Kilowatt Demand (K1MON).

QTY*A5*14400!

Customer's Adjusted Usage = 14,400.

MEAMU*10*K1**21423!**

Multiplier of 1 with Kilowatt Demand (K1) Ending read of 21423.

SUMMARY:

SE*18*000000526!

End of transaction with 18 transmitted segments (including SE) and transaction set ID.



**MONTHLY-OUT, TOU – NON-TOTALIZED METER WITH KILOWATT HOUR (KH) AND
KILOWATT DEMAND (K1) ORIGINAL DATA**

**MDMA/UTILITY ✎ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000657!

Start of 867 with transaction set ID.

BPT*00*199904300002*19990430*C2**0223!**

Original Usage (00) transaction with transaction record ID. This is a Cumulative/Monthly with Time-of-Use (C2) and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000006542222!

MDMA's XREF ID for the End-use Customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000006542222!

PG&E's XREF ID for the End-use Customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100002222!

ESP's customer account number.

DETAIL:

(1st PTD loop):

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilowatt hour (from last REF below in 1st PTD Loop) usage for the first unit of measure. The commodity is Electric (EL).

DTM*150**DT*199903161300!**

Service Period Start.

DTM*151**DT*199904151300!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000006542222!**

Service Delivery Point number.

REF*MG*487R22!

Meter Number.

REF*MT*KHMON!

Meter Data Type = Monthly Kilowatt Hours (KHMON).

QTY*32*0!

Customer's Normal usage 0 Kilowatt Hours for the service period 199903161300 to 199904151300.

MEAMU*1*KH**96000*45!**

Multiplier is 1 with Kilowatt Hours (KH) ending read of 96000 during **Summer On-Peak** (45) period.

QTY*32*3569!

Customer's Normal usage is 3,569 Kilowatt Hours for the service period 199903161300 to 199904151300.

MEAMU*1*KH**77152*74!**

Multiplier is 1 with Kilowatt Hours (KH) ending read of 77152 during **Summer Mid-Peak** (74) period.

QTY*32*3614!

PG&E 867 TRANSACTION



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Customer's Normal usage is 3,614 Kilowatt Hours for the service period 199903161300 to 199904151300.

MEAMU*1*KH**49820*73!**

Multiplier is 1 with Kilowatt Hours (KH) ending read of 49820 during **Summer Off-Peak** (73) period.

QTY*32*7183!

Customer's Normal usage is 7,183 Kilowatt Hours for the service period 199903160759 to 199904150759.

MEAMU*1*KH**222972*51!**

Multiplier is 1 with a **Total** (51) Kilowatt Hours (KH) Ending read of 222972.

(2nd PTD Loop):

PTD*PM*OZ*EL!**

Start of non-notalized monthly kilowatt demand (from last REF below in 2nd PTD Loop) usage for the second unit of measure. The commodity is Electric (EL).

DTM*150**DT*199903161300!**

Service Period Start.

DTM*151**DT*199904151300!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000006542222!**

Service Delivery Point number.

REF*MG*487R22!

Meter Number.

REF*MT*K1MON!

Meter Data Type = Monthly Kilowatt Demand (K1MON).

QTY*32*0!

Customer's Normal usage is 0 Kilowatt Demand for the service period 1999031601900 to 199904151900.

MEAMU*1*K1**0*45!**

Multiplier is 1 with no Kilowatt Demand (K1) ending read during **Summer On-Peak** (45) period.

QTY*32*17!

Customer's Normal usage is 17 Kilowatt Demand for the service period 199903161300 to 199904151300.

MEAMU*1*K1**1745*74!**

Multiplier is 1 with a Kilowatt Demand (K1) ending read of 1745 during **Summer Mid-Peak** (74) period.

QTY*32*18!

Customer's Normal usage is 18 Kilowatt Demand for the service period 199903161300 to 199904151300.

MEAMU*1*K1**1791*73!**

Multiplier is 1 with Kilowatt Demand (K1) ending read of 1791. This is a **Summer Off-Peak** (73) period.

QTY*32*35!

Customer's Normal usage is 35 Kilowatt Hours for the service period 199903160759 to 199904150759.

MEAMU*1*K1**3536*51!**

Multiplier is 1 with a **Total** (51) Kilowatt Demand (K1) ending read of 3536.

SUMMARY:

SE*39*000000657!

End of transaction with 39 transmitted segments (including SE) and transaction set ID.



MONTHLY-OUT, TOU – NON-TOTALIZED METER WITH KILOWATT HOUR (KH) AND KILOWATT DEMAND (K1) CORRECTED DATA

**MDMA/UTILITY ✍ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000659!

Start of 867 with transaction set ID.

BPT*CO*199904300004*19990430*C2**0130!**

Corrected usage (CO) transaction with transaction record ID and date, time. This is a Cumulative/Monthly with Time-of-Use (C2).

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000006544444!

MDMA's XREF ID for the end-use Customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000006544444!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100004444!

ESP's Account Number for the end-use customer.

DETAIL:

[\(1st PTD Loop\):](#)

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilowatt hour (from last REF below from 1st PTD Loop) usage for the first unit of measure. The commodity is Electric (EL).

DTM*150**DT*199903161000!**

Service Period Start.

DTM*151**DT*199904151000!**

Service Period End.

REF*JH*A!

Meter Role (JH) = Additive

REF*LU1014328000006544444!**

Service Delivery Point number.

REF*MG*487R44!

Meter Number = 487R44.

REF*MT*KHMON!

Meter Data Type = Monthly Kilowatt Hour (KHMON).

QTY*32*0!

Customer's Normal usage is 0 Kilowatt Hour for the service period 199903161000 to 199904151000.

MEAMU*1*KH**76000*45!**

Multiplier is 1 with a Kilowatt Hour (KH) Ending read of 76000 during **Summer On-Peak** (45) period.

QTY*A5*356!

Customer's Adjusted usage is 356 Kilowatt Hour for the service period 199903161000 to 199904151000.

MEAMU*1*KH**77152*74!**

Multiplier is 1 with a Kilowatt Hour (KH) Ending read of 77152 during **Summer Mid-Peak** (74) period.



QTY*32*250!

Customer's Normal usage is 250 Kilowatt Hour for the service period 199903161000 to 199904151000.

MEAMU*1*KH**49820*73!**

Multiplier is 1 with a Kilowatt Hour (KH) Ending read of 49820 during **Summer Off-Peak** (73) period.

QTY*32*606!

Customer's Normal usage is 606 Kilowatt Hours for the service period 199903161000 to 199904151000.

MEAMU*1*KH**202972*51!**

Multiplier is 1 with a **Total** (51) Kilowatt Hours (KH) Ending read of 202972.

(2nd PTD Loop):

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilowatt demand (from last REF below from 2nd PTD Loop) usage for the second unit of measure. The commodity is Electric (EL).

DTM*150**DT*199903161000!**

Service Period Start.

DTM*151**DT*199904151000!**

Service Period End.

REF*JH*A!

Meter role = Additive.

REF*LU101432800000654444!**

Service delivery point number.

REF*MG*487R44!

Meter number.

REF*MT*K1MON!

Meter data type = Monthly Kilowatt Demand (K1MON).

QTY*32*0!

Customer's Normal usage is 0 Kilowatt Demand for the service period 199903161000 to 199904151000.

MEAMU*1*K1**0*45!**

Multiplier is 1 with a Kilowatt Demand (K1) Ending read of 0 during **Summer On-Peak** (45) period.

QTY*A5*17!

Customer's Adjusted usage is 17 Kilowatt Demand for the service period 199903161000 to 199904151000.

MEAMU*1*K1**1745*74!**

Multiplier is 1 with a Kilowatt Demand (K1) Ending of 1745 during **Summer Mid-Peak** (74) period.

QTY*32*18!

Customer's Normal usage is 18 Kilowatt Demand for the service period 199903161000 to 199904151000.

MEAMU*1*K1**1791*73!**

Multiplier is 1 with a Kilowatt Demand (K1) Ending read of 1791 during **Summer Off-Peak** (73) period.

QTY*32*35!

Customer's Normal usage is 35 Kilowatt Hours for the service period 199903161000 to 199904151000.

MEAMU*1*K1**3536*51!**

Multiplier is 1 with a **Total** (51) Kilowatt Demand (K1) Ending read of 3536.

SUMMARY:

SE*39*000000659!

End of transaction with 39 transmitted segments (including SE) and transaction set ID.



MONTHLY-OUT – ORIGINAL DATA FOR UNMETERED USAGE

**MDMA/UTILITY ~~ESP~~ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000662!

Start of 867 with transaction set ID.

BPT*00*199904300007*19990430*DD**0223!**

Original usage (00) transaction with transaction record ID, date and time. This is a cumulative/monthly without Time-of-Use (DD).

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000012345553!

MDMA's XREF ID for the end-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000012345553!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver

REF*11*100005553!

ESP's account number for the end-use customer.

DETAIL:

PTD*SU*OZ*EL!**

Start of UnMetered (from last REF below) usage for the unit of measure. The commodity is Electric (EL).

DTM*150**DT*199903310800!**

Service period Start.

DTM*151**DT*199904290800!**

Service period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000012345553!**

Service Delivery Point number.

REF*SC*U!

Non-Metered Accounts = Un-Metered.

QTY*32*100!

Customer's Normal usage is 100 for the service period 199903310800 to 199904290800.

SUMMARY:

SE*16*000000662!

End of transaction with 16 transmitted segments (including SE) and transaction set ID.



MONTHLY-OUT - DEMAND WITH KILOWATT HOUR (KH) ORIGINAL DATA

**MDMA/UTILITY ~~ESP~~ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000669!

Start of 867 with transaction set ID.

BPT*00*199904300015*19990430*DD**0223!**

Original Usage (00) transaction with transaction record ID for Monthly Demand (DD), date and time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000006599458!

MDMA's XREF ID for the end-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000006599458!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100000722!

ESP's Account Number for the end-use customer.

DETAIL:

(1st PTD Loop):

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilowatt hour (from last REF below in 1st PTD Loop) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199903131500!**

Service Period Start.

DTM*151**DT*199904151500!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU101432800006599458!**

Service Delivery Point number.

REF*MG*0K0897!

Meter Number.

REF*MT*KHMON!

Meter Data Type = Monthly Kilowatt Hour (KHMON).

QTY*32*2048!

Customer's Normal Usage is 2,048.

MEAMU*1*KH**27166!**

Multiplier of 1 with Kilowatt Hour (KH) Ending read of 27166.

(2nd PTD Loop):

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilowatt demand (from last REF below in 2nd PTD Loop) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199903131500!**

Service Period Start.

DTM*151**DT*199904151500!**

Service Period End.



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REF*JH*A!

Meter Role = Additive.

REF*LU101432800006599458!**

Service Delivery Point number.

REF*MG*0K0897!

Meter Number = 0K0897.

REF*MT*K1MON!

Meter Data Type = Monthly Kilowatt Demand (K1MON).

QTY*32*3500!

Customer's Normal Usage = 3,500.

MEAMU*1*K1**33050!**

Multiplier of 1 with Kilowatt Demand (K1) ending read of 33050.

SUMMARY:

SE*27*000000669!

End of transaction with 27 transmitted segments (including SE) and transaction set ID.



**INTERVAL-OUT – NON-TOTALIZED METER WITH KILOWATT HOUR (KH)
CORRECTED DATA**

**MDMA/UTILITY ✎ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000663!

Start of 867 with transaction set ID.

BPT*CO*199904300008*19990430*C1**0223!**

Corrected usage (CO) transaction with transaction record ID for an Interval Meter (C1) and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000012416666!

MDMA's XREF ID for the end-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000012416666!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100006666!

ESP's Account Number for this customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-notalized interval kilowatt hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199904010815!**

Service Period Start.

DTM*151**DT*199904300800!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000012416666!**

Service Delivery Point number.

REF*MG*2059R6!

Meter Number.

REF*MT*KH015!

Meter Data Type = Kilowatt Hour in 15 minute intervals (KH015).

QTY*32*145.5!

Customer's Normal Usage is 145.5 KH for the service period ending 199904010815 in the following DTM.

DTM*151**DT*199904010815!**

Service Period End for above QTY usage.

QTY*32*148!

Customer's Normal Usage is 148 KH for the service period ending 199904010830 in the following DTM.

DTM*151**DT*199904010830!**

Service Period End for above QTY usage.

QTY*A5*150.5!

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Electric Company™

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Customer's Adjusted Usage is 150.5 KH for the service period ending 199904010845 in the following DTM.

DTM*151**DT*199904010845!**

Service Period End for the above QTY usage.

etc.

.
. .
. .
. .
. .

QTY*32*274.5!

Customer's Normal Usage is 274.5 KH for the service period ending 199904300730 in the following DTM.

DTM*151**DT*199904300730!**

Service Period End for above QTY usage.

QTY*32*273!

Customer's Normal Usage is 273 KH for the service period ending 199904300745 in the following DTM.

DTM*151**DT*19990430745!**

Service Period End for above QTY usage.

QTY*32*274.5!

Customer's Normal Usage is 274.5 KH for the service period ending 199904300800 in the following DTM.

DTM*151**DT*19990430800!**

Service Period End for above QTY usage.

SUMMARY:

SE*5776*000000663!

End of transaction set with 5,776 transmitted segmentss (including SE) and transaction set ID.

**INTERVAL-OUT - NON-TOTALIZED METER WITH KILOWATT HOUR (KH)
DUPLICATE (RESEND) DATA**

**MDMA/UTILITY ↗ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000664!

Start of 867 with transaction set ID.

BPT*07*199904300009*19990430*C1**0223!**

Duplicate/Resend (07) transaction with transaction record ID for an Interval Meter (C1) and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000012417777!

MDMA's XREF ID for the end-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000012417777!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100007777!

ESP's Account Number for the end-use customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized interval kilowatt hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199905010815!**

Service Period Start.

DTM*151**DT*199905310800!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000012417777!**

Service Delivery Point number.

REF*MG*2059R7!

Meter Number.

REF*MT*KH015!

Meter Data Type = Kilowatt Hour in 15 minute intervals (KH015).

QTY*32*145.5!

Customer's Normal Usage is 145.5 KH for the service period ending 199905010815 in the following DTM.

DTM*151**DT*199905010815!**

Service Period End for above QTY usage.

QTY*32*145.5!

Customer's Normal Usage is 145.5 KH for the service period ending 199905010830 in the following DTM.

DTM*151**DT*199905010830!**

Service Period End for above QTY usage.

QTY*A5*145.5!

Customer's Adjusted is 145.5 KH for the service period ending 199905010845 in the following DTM.



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DTM*151**DT*199905010845!**

Service Period End for above QTY usage.

etc.

- .
- .
- .
- .
- .

QTY*32*274.5!

Customer's Normal Usage is 274.5 KH for the service period ending 199905310730 in the following DTM.

DTM*151**DT*199905310730!**

Service Period End for above QTY usage.

QTY*32*273!

Customer's Normal Usage is 273 KH for the service period ending 199905310745 in the following DTM.

DTM*151**DT*199905310745!**

Service Period End for above QTY usage.

QTY*32*274.5!

Customer's Normal Usage is 274.5 KH for the service period ending 199905310800 in the following DTM.

DTM*151**DT*199905310800!**

Service Period End for above QTY usage.

SUMMARY:

SE*5776*000000664!

End of transaction set with 5,776 transmitted segmentss (including SE) and transaction set ID.

**INTERVAL-OUT - NON-TOTALIZED METER WITH KILOVOLT AMPERES REACTIVE
HOUR (K3) ORIGINAL READS**

**MDMA/UTILITY ✍ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000666!

Start of 867 with transaction set ID.

BPT*00*199904300011*19990430*C1**0223!**

Original Usage (00) transaction with transaction record ID for an Interval Meter (C1) and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000012419999!

MDMA's XREF ID for the end-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000012419999!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100009999!

ESP's Account Number for the end-use customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized interval kilovolt amperes reactive hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199907010815!**

Service Period Start.

DTM*151**DT*199907310800!**

Service Period End.

REF*JH*A!

Meter Role = Additive.

REF*LU1014328000012419999!**

Service Delivery Point number.

REF*MG*2059R9!

Meter Number.

REF*MT*K3015!

Meter Data Type = Kilovolt Amperes Reactive Hour in 15 minute intervals (K3015).

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010815 in the following DTM.

DTM*151**DT*199907010815!**

Service Period End for above QTY usage.

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010830 in the following DTM.

DTM*151**DT*199907010830!**

Service Period End for above QTY usage.

QTY*A5*145.5!

Customer's Adjusted Usage is 145.5 KVARH for the service period ending 199907010845 in the following DTM



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DTM*151**DT*199907010845!**

Service Period End for above QTY usage.

etc.

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QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310730 in the following DTM.

DTM*151**DT*199907310730!**

Service Period End for above QTY usage.

QTY*32*273!

Customer's Normal Usage is 273 KVARH for the service period ending 199907310745 in the following DTM.

DTM*151**DT*199907310745!**

Service Period End for the above QTY usage.

QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310800 in the following DTM.

DTM*151**DT*199907310800!**

Service Period End for the above QTY usage.

SUMMARY:

SE*5776*000000666!

End of transaction set with 5,776 transmitted segments (including SE) and transaction set ID.

**RESPONSE TO REQUEST FOR 12-MONTH HISTORICAL DATA FOR
NON-TOTALIZED KILOWATT HOUR (KH) METER**

**MDMA/UTILITY ✎ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000665!

Start of 867 with transaction set ID.

BPT*52*199904300010*19990430*C2**0223!**

Response to a Request for Historical Meter Data (52) with transaction record ID and represented as Cumulative values (C2).

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000012418888!

PG&E's XREF ID for the end-use customer is 000012411234.

N1*SJ1*797859832**40!**

ESP with DUNS # 797859832 is the Receiver .

REF*11*100008888!

ESP's Account Number for the end-use customer is 100008888.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilowatt hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199806280800!**

Service Period Start.

DTM*151**DT*199906290800!**

Service Period End.

REF*JH*A!

Meter role = Additive .

REF*LU1014328000012418888!**

Service Delivery Point number.

REF*MG*2059R8!

Meter Number.

REF*MT*KHMON!

Meter Data Type = Kilowatt Hour for a one month period (KHMON).

QTY*32*17325!

Customer's Normal Usage is 17,325 KH for service period ending 199807270800 in the following DTM.

DTM*151**DT*199807270800!**

Service Period End for above QTY usage.

QTY*32*17325!

Customer's Normal Usage is 17,325 KH for service period ending 199808260800 in the following DTM.

DTM*151**DT*199808260800!**

Service Period End for above QTY usage.

QTY*A5*145.5!

Customer's Adjusted Usage is 145.5 KH for the service period ending 199809280800 in the following DTM.

DTM*151**DT*199809280800!**

Service Period End for above QTY usage.

etc.



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QTY*32*17325!

Customer's Normal Usage is 17325 KH for the service period ending 199904280800 in the following DTM.

DTM*151**DT*199904280800!**

Service Period End for above QTY usage.

QTY*32*17325!

Customer's Normal Usage is 17325 KH for the service period ending 199905280800 in the following DTM.

DTM*151**DT*199905280800!**

Service Period End for above QTY usage.

QTY*32*17325!

Customer's Normal Usage is 17325 KH for the service period ending 199906290800 in the following DTM.

DTM*151**DT*199906290800!**

Service Period End for above QTY usage.

SUMMARY:

SE*40*000000665!

End of transaction set with 40 transmitted segmentss (including SE) and transaction set ID.



**METER CHANGE FROM CUMULATIVE TO INTERVAL DATA - 4/1/99 TO 4/30/99
(PART 1 – 4/1/99 TO 4/15/99)**

**MDMA/UTILITY ✕ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000670!

Start of 867 with transaction set ID.

BPT*CO*199904300001*19990415*C2**0223!**

Corrected Usage (CO) transaction with transaction record ID for Monthly Demand (DD) and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter .

REF*10*000006541111!

MDMA's XREF ID for the end-use customer.

N1*8S1*0123456789**41!**

Utility (PGE&) with DUNS # is the Submitter .

REF*12*000006541111!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver .

REF*11*100001111!

ESP's Account Number for the end-use customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized monthly kilovolt amperes reactive hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199904010800!**

Service Period Start.

DTM*151**DT*199904150800!**

Service Period End.

REF*JH*A!

Meter Role = Additive .

REF*LU1014328000006541111!**

Service Delivery Point number..

REF*MG*487R11!

Meter Number.

REF*MT*K3MON!

Meter Data Type = Monthly Kilovolt Amperes Reactive Hours (K3MON).

QTY*A5*0!

Customer's Adjusted Usage is 0.

MEAMU*1*K3**96000*45!**

Multiplier of 1 with Kilovolt Amperes Reactive Hours (K3) ending read of 96000 during **Summer On-Peak** (45) period.

QTY*32*200!

Customer's Normal Usage is 200.

MEAMU*1*K3**77152*74!**

Multiplier of 1 for Kilovolt Amperes Reactive Hour (K3) ending read of 77152 during **Summer Mid-Peak** (74) period.

QTY*32*279!

Customer's Normal Usage is 279.



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MEAMU*1*K3**49820*73!**

Multiplier of 1 for Kilovolt Amperes Reactive Hour (K3) ending read of 49820 during **Summer Off-Peak** (73) period.

QTY*32*479!

Customer's Normal Usage is 479.

MEAMU*1*K3**222972*51!**

Multiplier of 1 for a **Total** (51) Kilovolt Amperes Reactive Hour (K3) ending read of 222972.

SUMMARY:

SE*24*000000670!

End of transaction set with 24 transmitted segments (including SE) and transaction set ID.

PART 2 – NEXT PAGE



**METER CHANGE FROM CUMULATIVE TO INTERVAL DATA – 4/1/99 TO 4/30/99
(PART 2 – 4/15/99 TO 4/30/99)**

**MDMA/UTILITY ~~ESP~~ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000671!

Start of 867 with transaction set ID.

BPT*CO*199904300001*19990430*C2**0223!**

Corrected Usage (CO) transaction with transaction record ID for Monthly Demand (DD) and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter .

REF*10*000006541111!

MDMA's XREF ID for the end-use customer.

N1*8S1*0123456789**41!**

Utility (PG&E) with DUNS # is the Submitter .

REF*12*000006541111!

PG&E's XREF ID for the end-use customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver .

REF*11*100001111!

ESP's Account Number for the end-use customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized kilowatt hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199904160800!**

Service Period Start.

DTM*151**DT*199904300800!**

Service Period End.

REF*JH*A!

Meter Role = Additive .

REF*LU1014328000012419999!**

Service Delivery Point number.

REF*MG*2063R9!

Meter Number.

REF*MT*KH015!

Meter Data Type = Kilowatt Hour in 15 minute intervals (K3015).

QTY*32*145.5!

Customer's Normal Usage is 145.5 KH for the service period ending 199904160815 in the following DTM.

DTM*151**DT*199904160815!**

Service Period End for above QTY usage.

QTY*32*145.5!

Customer's Normal Usage is 145.5 KH for the service period ending 199904160830 in the following DTM.

DTM*151**DT*199904160830!**

Service Period End for above QTY usage.

QTY*A5*145.5!

Customer's Adjusted Usage is 145.5 KH for the service period ending 199904160845 in the following DTM.



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DTM*151**DT*199904160845!**

Service Period End for above QTY usage.

etc.

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QTY*32*274.5!

Customer's Normal Usage is 274.5 KH for the service period ending 199904300730 in the following DTM.

DTM*151**DT*199904300730!**

Service Period End for above QTY usage.

QTY*32*273!

Customer's Normal Usage is 273 KH for the service period ending 199904300745 in the following DTM.

DTM*151**DT*199904300745!**

Service Period End for above QTY usage.

QTY*32*274.5!

Customer's Normal Usage is 274.5 KH for the service period ending 199904300800 in the following DTM.

DTM*151**DT*199904300800!**

Service Period End for above QTY usage.

SUMMARY:

SE*5776*00000666!

End of transaction set with 5,776 transmitted segments (including SE) and transaction set ID.



**INTERVAL-IN - NON-TOTALIZED METER WITH KILOWATT HOUR (KH)
CORRECTED DATA**

MDMA ✍️ UTILITY/ESP

HEADING:

ST*867*000000663!

Start of 867 with transaction set ID.

BPT*CO*199904300008*19990430*C1**0223!**

Corrected usage (CO) transaction with transaction record ID for Interval Meter (C1) and date, time.

N1*SJ1*123456789**41!**

MDMA with DUNS # is the Submitter .

REF*10*000121212121!

MDMA's Account Number for this customer.

N1*8S1*0006912877**40!**

Utility (PG&E) with DUNS # is the Receiver .

REF*12*000012416666!

PG&E's XREF ID for this customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver .

REF*11*100006666!

ESP's Account Number for this customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized interval kilowatt hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199907010815!**

Service Period Start.

DTM*151**DT*199907310800!**

Service Period End.

REF*JH*A!

Meter Role = Additive .

REF*LU1014328000012416666!**

Service Delivery Point number.

REF*MG*2059R6!

Meter Number.

REF*MT*KH015!

Meter Data Type = Kilowatt Hour in 15 minute intervals (KH015).

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010815 in the following DTM.

DTM*151**DT*199907010815!**

Service Period End for the above QTY usage.

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010830 in the following DTM.

DTM*151**DT*199907010830!**

Service Period End for the above QTY usage.

QTY*A5*145.5!

Customer's Adjusted Usage is 145.5 KVARH for the service period ending 199907010845 in the following DTM



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DTM*151**DT*199907010845!**

Service Period End for the above QTY usage.

etc.

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QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310730 in the following DTM.

DTM*151**DT*199907310730!**

Service Period End for the above QTY usage.

QTY*32*273!

Customer's Normal Usage is 273 KVARH for the service period ending 199907310745 in the following DTM.

DTM*151**DT*199907310745!**

Service Period End for the above QTY usage.

QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310800 in the following DTM.

DTM*151**DT*199907310800!**

Service Period End for the above QTY usage.

SUMMARY:

SE*5776*000000663!

End of transaction set with 5,776 transmitted segments (including SE) and transaction set ID.

INTERVAL-IN - NON-TOTALIZED METER WITH DUPLICATE (RESEND) DATA

MDMA ✍ UTILITY/ESP

HEADING:

ST*867*000000664!

Start of 867 with transaction set ID.

BPT*07*199904300009*19990430*C1**0223!**

Duplicate/Resend (07) transaction with transaction record ID for Interval Meter (C1) and date, time.

N1*551*123456789**41!**

MDMA with DUNS # is the Submitter .

REF*10*000121212121!

MDMA's Account Number for this customer.

N1*8S1*0006912877**41!**

Utility (PG&E) with DUNS # is the Receiver .

REF*12*000012417777!

PG&E's XREF ID for this customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver .

REF*11*100007777!

ESP's Account Number for this customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized interval kilowatt hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199907010815!**

Service Period Start.

DTM*151**DT*199907310800!**

Service Period End.

REF*JH*A!

Meter Role = Additive .

REF*LU1014328000012417777!**

Service Delivery Point number.

REF*MG*2059R7!

Meter Number.

REF*MT*KH015!

Meter Data Type = Kilowatt Hour in 15 minute intervals (KH015).

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010815 in the following DTM.

DTM*151**DT*199907010815!**

Service Period End for the above QTY usage.

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010830 in the following DTM.

DTM*151**DT*199907010830!**

Service Period End for the above QTY usage.

QTY*A5*145.5!

Customer's Adjusted Usage is 145.5 KVARH for the service period ending 199907010845 in the following DTM.

DTM*151**DT*199907010845!**

Service Period End for the above QTY usage.



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etc.

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QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310730 in the following DTM.

DTM*151**DT*199907310730!**

Service Period End for the above QTY usage.

QTY*32*273!

Customer's Normal Usage is 273 KVARH for the service period ending 199907310745 in the following DTM.

DTM*151**DT*199907310745!**

Service Period End for the above QTY usage.

QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310800 in the following DTM.

DTM*151**DT*199907310800!**

Service Period End for the above QTY usage.

SUMMARY:

SE*5776*000000664!

End of transaction set with 5,776 transmitted segments (including SE) and transaction set ID.



INTERVAL-IN - NON-TOTALIZED METER WITH KILOVOLT AMPERES REACTIVE HOUR (K3) ORIGINAL DATA

MDMA ✍ UTILITY/ESP

HEADING:

ST*867*000000666!

Start of 867 with transaction set ID.

BPT*00*199904300011*19990430*C1**0223!**

Original Usage (00) transaction with transaction record ID for an Interval Meter (C1) and date, time.

N1*551*123456789**41!**

MDMA with DUNS # is the Submitter .

REF*10*000121212121!

MDMA's Account Number for this customer

N1*8S1*006912877**40!**

Utility (PG&E) with DUNS # is the Receiver .

REF*12*000012419999!

PG&E's XREF ID for this customer.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver .

REF*11*100009999!

ESP's Account Number for this customer.

DETAIL:

PTD*PM*OZ*EL!**

Start of non-totalized interval kilovolt amperes reactive hour (from last REF below) usage for the unit of measure for Electric Meter Usage (EL).

DTM*150**DT*199907010815!**

Service Period Start.

DTM*151**DT*199907310800!**

Service Period End.

REF*JH*A!

Meter Role = Additive .

REF*LU1014328000012419999!**

Service Delivery Point number.

REF*MG*2059R9!

Meter Number.

REF*MT*K3015!

Meter Data Type is Kilovolt Amperes Reactive Hour in 15 minute intervals (K3015).

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010815 in the following DTM.

DTM*151**DT*199907010815!**

Service Period End for the above QTY usage.

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010830 in the following DTM.

DTM*151**DT*199907010830!**

Service Period End for the above QTY usage.

QTY*32*145.5!

Customer's Normal Usage is 145.5 KVARH for the service period ending 199907010845 in the following DTM.



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DTM*151**DT*199907010845!**

Service Period End for the above QTY usage.

etc.

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QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310730 in the following DTM.

DTM*151**DT*199907310730!**

Service Period End for the above QTY usage.

QTY*32*273!

Customer's Normal Usage is 273 KVARH for the service period ending 199907310745 in the following DTM.

DTM*151**DT*199907310745!**

Service Period End for the above QTY usage.

QTY*32*274.5!

Customer's Normal Usage is 274.5 KVARH for the service period ending 199907310800 in the following DTM.

DTM*151**DT*199907310800!**

Service Period End for the above QTY usage.

SUMMARY:

SE*5776*000000666!

End of transaction set with 5,776 transmitted segments (including SE) and transaction set ID.

MONTHLY/DAILY-OUTBOUND – GAS THERMS ORIGINAL DATA

**MDMA/UTILITY ~~ESP~~
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000524!

Start of 867 with transaction set ID.

BPT*00*199904300015*19990430*DD**0223!**

Original Usage (00) with record ID 199904300015 for a monthly non-TOU and date, time.

N1*551*006912877**41!**

MDMA with DUNS # is the Submitter.

REF*10*000006599458!

MDMA's ACCT # for the End-use customer.

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000006599458!

PG&E's ACCT #.

N1*SJ1*797859832**40!**

ESP with DUNS # is the Receiver.

REF*11*100000722!

ESP's customer account number.

DETAIL:

PTD*PM*OZ*GS!**

Start of monthly (from last REF below) usage for the unit of measure for Gas Meter Usage.

DTM*150**DT*199903131500!**

Service Period Start.

DTM*151**DT*199904151500!**

Service Period End.

REF*LU1014328000006599458!**

Service Delivery Point number.

REF*MG*0K0897!

Meter Number.

REF*MT*GSMON!

Meter Data Type = Monthly Gas Usage.

QTY*32*315!

Customer's Normal Usage.

MEACF**CF*68038*70955**

Previous and current meter reads.

MEAMU*1.016*TD**216!**

Therm factor Multiplier of 1.016 with therms totaling 216.

SUMMARY:

SE*18*000000524!

End of transaction with 18 transmitted segments (including SE) and the transaction set ID.



RESPONSE TO REQUEST FOR 12-MONTH HISTORICAL DATA FOR GAS (THERMS)

**MDMA/UTILITY ~~ESP~~ ESP
(PG&E ACTING AS MDMA)**

HEADING:

ST*867*000000665!

Start of 867 with transaction set ID.

BPT*52*199904300010*19990430*C2**0223!**

Response to a Request for Historical Meter Data (52) with transaction record ID and represented as Cumulative values (C2).

N1*8S1*006912877**41!**

Utility (PG&E) with DUNS # is the Submitter.

REF*12*000012418888!

PG&E's XREF ID for the end-use customer is 000012411234.

N1*SJ1*797859832**40!**

ESP with DUNS # 797859832 is the Receiver .

REF*11*100008888!

ESP's Account Number for the end-use customer is 100008888.

DETAIL:

PTD*PM*OZ*GS!**

Start of monthly therms (from last REF below) usage for the unit of measure for Gas Meter usage.

DTM*150**DT*199806280800!**

Service Period Start.

DTM*151**DT*199906290800!**

Service Period End.

REF*LU1014328000012418888!**

Service Delivery Point number.

REF*MG*2059R8!

Meter Number.

REF*MT*TDMON!

Meter Data Type = Gas Therms (GSMON).

QTY*32*173!

Customer's Normal Usage is 173 TD for service period ending 199807270800 in the following DTM.

MEAMU*1*TD***51**

Therm Factor Multiplier

DTM*151**DT*199807270800!**

Service Period End for above QTY usage.

QTY*32*173!

Customer's Normal Usage is 173 TD for service period ending 199808260800 in the following DTM.

MEAMU*1*TD***51**

Therm Factor Multiplier

DTM*151**DT*199808260800!**

Service Period End for above QTY usage.

QTY*A5*145!

Customer's Adjusted Usage is 145 TD for the service period ending 199809280800 in the following DTM.

MEAMU*1*TD***51**

Therm Factor Multiplier

DTM*151**DT*199809280800!**

Service Period End for above QTY usage.



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QTY*32*173!

Customer's Normal Usage is 173 TD for the service period ending 199904280800 in the following DTM.

MEAMU*1*TD***51**

Therm Factor Multiplier

DTM*151**DT*199904280800!**

Service Period End for above QTY usage.

QTY*32*173!

Customer's Normal Usage is 173 TD for the service period ending 199905280800 in the following DTM. \

MEAMU*1*TD***51**

Therm Factor Multiplier

DTM*151**DT*199905280800!**

Service Period End for above QTY usage.

QTY*32*173!

Customer's Normal Usage is 173 TD for the service period ending 199906290800 in the following DTM.

MEAMU*1*TD***51**

Therm Factor Multiplier

DTM*151**DT*199906290800!**

Service Period End for above QTY usage.

SUMMARY:

SE*40*000000665!

End of transaction set with 40 transmitted segments (including SE) and transaction set ID.