



Electronic Data Interchange

814 v.4010

Tutorial

LAST REVISED 5/5/2005

PG&E - EDI 814 DASR TUTORIAL TABLE OF CONTENTS

DASR Flows.....	4
Initiating Connect Request DASR:	4
Response to Invalid Connect Request DASR:	4
Responses to Valid Connect Request DASR:.....	4
Initiating Disconnect DASR:	5
Response to Invalid Disconnect DASR:	5
Response to Valid Disconnect DASR:.....	5
Initiating Update DASR:.....	6
Response to Invalid Update Request DASR:.....	6
Response to Valid Update Request DASR:	6
Initiating Maint DASR:	7
Response to Invalid Maint DASR:	7
Response to Valid Maint DASR:.....	7
CONNECT DASR:.....	8
ESP to UDC: Request to Connect Electric Metered SA (SP-REQ-CONNECT).....	8
1.1) DUAL Billing Option and UDC metering providers.....	8
1.2) UDC Rate Ready Billing Option, 3 rd Party Metering Providers	9
1.3) ESP Bill Ready Billing Option, interval meter change requested.....	10
1.4) New Customer, DA Day One of Service	12
1.5) Future Start Date Requested	14
ESP to UDC: Request to Connect Electric Un-metered SA (SP-REQ-CONNECT)	16
1.6) DUAL Billing Option.....	16
ESP to UDC: Request to Connect Gas SA (SP-REQ-CONNECT).....	17
1.7) DUAL Billing Option.....	17
UDC to ESP: Response to Connect – Accept (SP-ACK-CONNECT)	18
1.8) Accepted Connect, meter investigation not required, pending switch date provided	18
1.9) Accepted Connect, meter investigation required, pending switch date not provided	20
1.10) Accepted request for interval meter change, in progress	22
UDC to ESP: Response to Connect – Reject (SP-NACK-CONNECT)	24
1.11) Rejected request to Connect.....	24
UDC to ESP: Final Switch Completion Notification – Connect (CFG-CONNECT).....	25
1.12) Final Switch Notification – Connect Complete	25
DISCONNECT DASR:.....	26
ESP to UDC: Request to Disconnect Electric SA (SP-REQ-DISCONNECT)	26
2.1) Disconnect Request	26
ESP to UDC: Request to Disconnect Gas SA (SP-REQ-DISCONNECT).....	27
2.2) Disconnect Request	27
UDC to ESP: Response to Disconnect - Accept (SP_ACK_DISCONNECT).....	29
2.3) Meter investigation not required, pending disconnect date provided.....	29

2.4) Meter investigation required, pending disconnect date not provided.....	29
UDC to ESP: Response to Disconnect– Reject (SP-NACK-DISCONNECT)	30
2.5) Rejected Disconnect Request	30
UDC to ESP: Final Switch Completion Notification – Disconnect (CFG-DISCONNECT).....	31
2.6) Final Switch Notification – Disconnect Complete	31
SERVICE DISCONNECT DASR:	32
UDC to ESP: Notification – Service Disconnect (SVC-DISCONNECT).....	32
2.7) Notification of Service Turn Off Pending (future effective date).....	32
2.8) Notification Service Turn Off Complete (past effective date)	33
UPDATE DASR:	34
ESP to UDC: Request to Update Relationship Provider (SP-REQ-UPDATE)	34
3.1) Request change to UDC Rate Ready Billing Option	34
3.2) Request change of Meter Owner to Customer.....	35
UDC to ESP: Response Update – Accept (SP-ACK-UPDATE)	36
3.3) Accepted Request for Change to UDC Rate Ready Billing Option.....	36
3.4) Accepted Request for Change of Meter Owner to Customer, meter investigation required, pending switch date not provided.....	37
UDC to ESP: Response Update – Reject (SP-NACK-UPDATE).....	38
3.5) Rejected Update Request	38
UDC to ESP: Notification – Update Service Provider Data (CFG-UPDATE)	39
3.6) Advance Notice – Pending Disconnect of Current ESP, meter investigation required, no pending end date provided.....	39
3.7) Update to Pending ESP - Meter Investigation Completed, pending start date provided	40
3.8) Update to Current ESP - Meter Investigation Complete, pending end date provided	42
3.9) Update of Meter Data Management Agent Complete	43
ACCOUNT MAINTENANCE DASR:	44
ESP to UDC: Notification (REQ-MAINT)	44
4.1) Notification of Customer Phone Number Change	44
4.2) Notification of Service Provider Rate Change for existing Customer.....	45
UDC to ESP: Response Maint – Accept (ACK-MAINT)	46
4.3) Accept Maint DASR with new Customer Phone Number	46
UDC to ESP: Response Maint – Reject (NACK-MAINT).....	47
4.4) Reject Maintenance DASR.....	47
UDC to ESP: Notification of Customer Account Data Change (CFG-MAINT).....	48
4.5) Notification of Customer Name Change.....	48

DASR Flows

Initiating Connect Request DASR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
REQ/CONNECT	Request to Connect	ESP	1.1 – 1.5	13	7	021

Response to Invalid Connect Request DASR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
NACK/CONNECT	Response - Connect Rejected	UDC	1.9	11	U	021

Responses to Valid Connect Request DASR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
ACK/CONNECT	Response - Connect Accepted	UDC	1.6-1.8	11	WQ	021
CFG/UPDATE	Notification – Update to Current ESP of Pending Disconnect	LDC	3.6	14	7	001
CFG/UPDATE	Notification – Meter Investigation Complete, pending switch date provided	LDC	3.7-3.8	14	7	001
CFG/CONNECT	Final Notice to New ESP – Connect Completed	LDC	1.10	CN	F	021
CFG/DISCONNECT	Final Notice to Former ESP - Disconnect Completed	LDC	2.5	CN	F	002

| Sent to Departing ESP when customer switching from one ESP to another.

|| Sent to Current and Pending ESP's only for DASR requiring meter investigation following completion of investigation to communicate pending switch date.

Initiating Disconnect DADR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
REQ/DISCONNECT	Request to Disconnect	ESP	2.1	13	7	002

Response to Invalid Disconnect DADR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
NACK/DISCONNECT	Response - Disconnect Rejected	LDC	2.4	11	U	002

Response to Valid Disconnect DADR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
ACK/DISCONNECT	Response - Disconnect Accepted	UDC	2.2-2.3	11	WQ	002
CFG/UPDATE	Notification – Update to Current ESP of Cancellation of Pending Connect to New ESP	UDC	3.6	14	7	001
CFG/UPDATE	Notification – Meter Investigation Complete, pending switch date provided	UDC	3.7-3.8	14	7	001
CFG/DISCONNECT	Final Notice to Former ESP - Disconnect Completed	UDC	2.5	CN	F	002

| Sent to Current ESP when Pending ESP cancels pending switch.

|| Sent to Current and Pending ESP's only for DADR requiring meter investigation following completion of investigation to communicate pending switch date.

||| Sent only when Disconnect requires switch from Current ESP to Default ESP (when Disconnect is from Current, not Pending, ESP.)

Initiating Disconnect DADR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
SVC/DISCONNECT	Notice - Disconnect due to Service Shutoff	UDC	2.6-2.7	14	7	002

| Sent to Current ESP and Pending ESP's both at time of Pending Shut Off request and again after Shut Off is completed.

Initiating Update DADR:

Operation Type	EDI Terms	Initiated By	Reference ID	BGN01	ASI01	ASI02
REQ/UPDATE	Request to Update Service Provider Info	ESP	3.1-3.2	13	7	001

Response to Invalid Update Request DADR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
NACK/UPDATE	Response - Update Rejected	LDC	3.5	11	U	001

Response to Valid Update Request DADR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
ACK/UPDATE	Response - Update Accepted	LDC	3.3-3.4	11	WQ	001
CFG/UPDATE	Notification – Meter Investigation Complete, pending switch date provided	LDC	3.7-3.8	14	7	001
CFG/UPDATE	Notification – Update of Service Provider Info Complete	LDC	3.9	14	7	001

| Sent to Requesting ESP only for DADR requiring meter investigation following completion of investigation to communicate pending switch date.

Initiating Maint DASR:

Operation Type	EDI Terms	Initiated By	Reference ID	BGN01	ASI01	ASI02
REQ/MAINT	Request/Account Maintenance	ESP	4.1- 4.2	13	7	022

Response to Invalid Maint DASR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
NACK/MAINT	Response/Account Maintenance - Reject	UDC	4.4	11	U	022

Response to Valid Maint DASR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
ACK/MAINT	Response/Account Maintenance - Accept	UDC	4.3	11	WQ	022

Initiating Maint DASR:

Operation Type	Description	Initiated By	Reference ID	BGN01	ASI01	ASI02
CFG/MAINT	Advance Notification/Account Maintenance	LDC	4.5	14	WQ	022

CONNECT DASR:

ESP to UDC: Request to Connect Electric Metered SA (SP-REQ-CONNECT)

1.1) DUAL Billing Option and UDC metering providers

HEADING:

ST|814|1000~

Start of 814 with transaction set ID.

BGN|13|2004120713574601|20041207|1635~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)

N1|SJ||1|999999999||41~

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:

(Start of LIN Loop)

LIN|00001|SH|EL|SH|CE~

PG&E's unique # for this segment.

ASI|7|021~

Request (07) for a Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|DUAL~

ESP or LDC consolidated bill.

REF|PC|DUAL~

Party to calculate bill charges.

(Start of NM1 Loop)

NM1|MQ|3~

Start of NM1 Loop.

REF|VR|LDC~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|LDC~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|LDC~

Meter Owner (required only if REF02=Other) = ESP or LDC

REF|VE|LDC~

MDMA (required only if REF02=Other) = LDC or ESP.

SE|19|1000~

End of transaction with 19 segments (including SE) and the transaction ID.

CONNECT DASR:*ESP to UDC: Request to Connect (SP-REQ-CONNECT)***1.2) UDC Rate Ready Billing Option, 3rd Party Metering Providers****HEADING:****ST|814|1000~**

Start of 814 with transaction set ID.

BGN|13|2004120713574601|20041207|1635~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER ~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SH|EL|SH|CE~**

PG&E's unique # for this segment.

ASI|7|021~

Request (07) for a Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|LDC~

ESP or LDC consolidated bill.

REF|PC|LDC~

Party to calculate bill charges.

(Start of NM1 Loop)**NM1|MQ|3~**

Start of NM1 Loop.

REF|RB|RATE1

ESP rate class.

REF|VR|ESP~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|ESP~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|CUSTOMER~

Meter Owner (required only if REF02=Other) = ESP or LDC

REF|VE|OTHER|123456789~

MDMA (required only if REF02=Other) = LDC or ESP.

SE|20|1000~

End of transaction with 20 segments (including SE) and the transaction ID.

CONNECT DASR:

ESP to UDC: Request to Connect (SP-REQ-CONNECT)

1.3) ESP Bill Ready Billing Option, interval meter change requested

HEADING:

ST|814|1000~

Start of 814 with transaction set ID.

BGN|13|2004120713574601|20041207|1635~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)

N1|SJ||1|999999999||41~

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER ~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:

(Start of LIN Loop)

LIN|00001|SH|EL|SH|CE~

PG&E's unique # for this segment.

ASI|7|021~

Request (07) for a Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|ESP~

ESP or LDC consolidated bill.

REF|PC|LDC~

Party to calculate bill charges.

(Start of NM1 Loop)

NM1|MQ|3~

Start of NM1 Loop.

REF|D7|Y~

Meter installation pending = Yes.

REF|91|I~

Usage calculation code = Interval or Load Profile.

REF|VR|ESP~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|ESP~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|ESP~

Meter Owner (required only if REF02=Other) = ESP or LDC.

REF|VE|ESP~

MDMA (required only if REF02=Other) = LDC or ESP.

SE|21|1000~

End of transaction with 21 segments (including SE) and the transaction ID.

CONNECT DASR:

ESP to UDC: Request to Connect (SP-REQ-CONNECT)

1.4) New Customer, DA Day One of Service

HEADING:

ST|814|1000~

Start of 814 with transaction set ID.

BGN|13|2004120713574601|20041207|1635~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)

N1|SJ||1|999999999||41~

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER ~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:

(Start of LIN Loop)

LIN|00001|SH|EL|SH|CE~

PG&E's unique # for this segment.

ASI|7|021~

Request (07) for a Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|DUAL~

ESP or LDC consolidated bill.

REF|PC|DUAL~

Party to calculate bill charges.

REF|7F|Y~

New customer = No.

(Start of NM1 Loop)

NM1|MQ|3~

Start of NM1 Loop.

REF|VR|LDC

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|LDC~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|LDC~

Meter Owner (required only if REF02=Other) = ESP or LDC.

REF|VE|LDC~

MDMA (required only if REF02=Other) = LDC or ESP.

SUMMARY:
SE|20|1000~

End of transaction with 20 segments (including SE) and the transaction ID.

CONNECT DASR:*ESP to UDC: Request to Connect (SP-REQ-CONNECT)***1.5) Future Start Date Requested****HEADING:****ST|814|1000~**

Start of 814 with transaction set ID.

BGN|13|2004120713574601|20041207|1635~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER ~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:**(Start of LIN Loop)****LIN|00001|SH|EL|SH|CE~**

PG&E's unique # for this segment.

ASI|7|021~

Request (07) for a Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|DUAL~

ESP or LDC consolidated bill.

REF|PC|DUAL~

Party to calculate bill charges.

DTM|007||||D8|20050601~

Date of scheduled start.

(Start of NM1 Loop)**NM1|MQ|3~**

Start of NM1 Loop.

REF|VR|LDC~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|LDC~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|LDC~

Meter Owner (required only if REF02=Other) = ESP or LDC

REF|VE|LDC~

MDMA (required only if REF02=Other) = LDC or ESP.

SUMMARY:
SE|20|1000~

End of transaction with 20 segments (including SE) and the transaction ID.

CONNECT DASR:**ESP to UDC: Request to Connect Electric Un-metered SA (SP-REQ-CONNECT)****1.6) DUAL Billing Option****HEADING:****ST|814|1000~**

Start of 814 with transaction set ID.

BGN|13|2004120713574601|20041207|1635~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SH|EL|SH|CE~**

PG&E's unique # for this segment.

ASI|7|021~

Request (07) for a Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|DUAL~

ESP or LDC consolidated bill.

REF|PC|DUAL~

Party to calculate bill charges.

(Start of NM1 Loop)**NM1|MQ|3~**

Start of NM1 Loop.

SUMMARY:**SE|15|1000~**

End of transaction with 15 segments (including SE) and the transaction ID.

CONNECT DASR:**ESP to UDC: Request to Connect Gas SA (SP-REQ-CONNECT)****1.7) DUAL Billing Option****HEADING:****ST|814|1000~**

Start of 814 with transaction set ID.

BGN|13|2004120713574601|20041207|1635~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SH|GAS|SH|CE~**

PG&E's unique # for this segment.

ASI|7|021~

Request (07) for a Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|DUAL~

ESP or LDC consolidated bill.

REF|PC|DUAL~

Party to calculate bill charges.

(Start of NM1 Loop)**NM1|MQ|3~**

Start of NM1 Loop.

SE|15|1000~

End of transaction with 15 segments (including SE) and the transaction ID.

CONNECT DASR:**UDC to ESP: Response to Connect – Accept (SP-ACK-CONNECT)****1.8) Accepted Connect, meter investigation not required, pending switch date provided****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|11|20041208020379601050051|20041208|100433||2004120713574601~

Response (11) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

PER|IC||TE|1231234567~

Customer Information Contact

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|021~

Accept (WQ) for a Connect/Addition Request (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|AS|999999999~

New ESP's DUNS #.

REF|BF|B~

Billing Cycle serial #.

REF|BLT|DUAL~

ESP or LDC consolidated bill.

REF|PC|DUAL~

Party to calculate bill charges.

DTM|007|||20050101~

Date of scheduled start.

(Start of NM1 Loop)**NM1|MQ|3~**

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|4L|T~

Meter service voltage = Secondary, Primary, Transmission or Primary Sub-transmission.

REF|91|L~

Usage calculation code = Interval or Load Profile.

REF|LO|E1~

Load Profile.

REF|LU||1014328999999999~

Service Delivery Point #.

REF|D7|N~

Meter installation pending = No.

REF|MG|123456~

Meter #.

REF|NH|E1~

LDC rate calls or tariff.

REF|ZW|ELCRR1_1_V100LD~

Meter Congestion Zone REF|SC|M~

REF|SU|N~

Life support equipment = No.

REF|TZ|B~

Meter Cycle Indicator

REF|VE|LDC~

MDMA (required only if REF02=Other) = LDC or ESP.

REF|VR|LDC~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|LDC~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|LDC~

Meter Owner (required only if REF02=Other) = ESP or LDC

SE|35|0001~

End of transaction with 35 segments (including SE) and the transaction ID.

CONNECT DASR:**UDC to ESP: Response Connect – Accept (SP-ACK-CONNECT)****1.9) Accepted Connect, meter investigation required, pending switch date not provided****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|11|20041208020379601050051|20041208|100433||2004120713574601~

Response with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

PER|IC||TE|1231234567~

Customer Information Contact

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|021~

Accept (WQ) for a Connect/Addition Request (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|AS|999999999~

New ESP's DUNS #.

REF|BF|B~

Billing Cycle serial #.

REF|BLT|UDC~

ESP or LDC consolidated bill.

REF|PC|UDC~

Party to calculate bill charges.

(Start of NM1 Loop)**NM1|MQ|3~**

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|4L|T~

Meter service voltage = Secondary, Primary, Transmission or Primary
Sub-transmission.

REF|91|L~

Usage calculation code = Interval or Load Profile.

REF|LO|E1~

Load Profile.

REF|LU||1014328999999999~

Service Delivery Point #.

REF|D7|Y~

Meter installation pending = Yes.

REF|MG|123456~

Meter #.

REF|NH|E1~

LDC rate calls or tariff.

REF|ZW|ELCRR1_1_V100LD~

Meter Congestion Zone REF|SC|M~

REF|SC|M~

Special identifier for unmetered accounts = Metered or Unmetered

REF|SU|N~

Life support equipment = No.

REF|TZ|B~

Meter Cycle Indicator

REF|RB|RATE1~

ESP rate class.

REF|VR|ESP~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|ESP~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|CUSTOMER~

Meter Owner (required only if REF02=Other) = ESP or LDC

REF|VE|OTHER|123456789~

MDMA (required only if REF02=Other) = LDC or ESP.

SE|35|0001~

End of transaction with 35 segments (including SE) and the transaction ID.

CONNECT DASR:**UDC to ESP: Response Connect – Accept (SP-ACK-CONNECT)****1.10) Accepted request for interval meter change, in progress****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|11|20041208020379601050051|20041208|100433||2004120713574601~

Response with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

PER|IC||TE|1231234567~

Customer Information Contact

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|021~

Accept (WQ) for a Connect/Addition Request (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|AS|999999999~

New ESP's DUNS #.

REF|BF|B~

Billing Cycle serial #.

REF|BLT|ESP~

ESP or LDC consolidated bill.

REF|PC|UDC~

Party to calculate bill charges.

(Start of NM1 Loop)**NM1|MQ|3~**

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|4L|T~

Meter service voltage = Secondary, Primary, Transmission or Primary Sub-transmission.

REF|91|I~

Usage calculation code = Interval or Load Profile.

REF|LO|E1~

Load Profile.

REF|LU||1014328999999999~

Service Delivery Point #.

REF|D7|Y~

Meter installation pending = Yes.

REF|MG|123456~

Meter #.

REF|NH|E1~

LDC rate calls or tariff.

REF|ZW|ELCRR1_1_V100LD~

Meter Congestion Zone

REF|SC|M~

Special identifier for unmetered accounts = Metered or Unmetered

REF|SU|N~

Life support equipment = No.

REF|TZ|B~

Meter Cycle Indicator

REF|VR|ESP~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|ESP~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|ESP~

Meter Owner (required only if REF02=Other) = ESP or LDC

REF|VE|ESP~

MDMA (required only if REF02=Other) = LDC or ESP.

SE|34|0001~

End of transaction with 34 segments (including SE) and the transaction ID.

CONNECT DASR:**UDC to ESP: Response to Connect – Reject (SP-NACK-CONNECT)****1.11) Rejected request to Connect****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|11|20040831010963975990051|20040831|081156||2004083014221303~

Response with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|U|021~

Reject (U) for the Connect/Addition Request.

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|7G|A13|RCUSTID~

Reject reason = (See PG&E 814 Guide for complete reject code list.)

REF|BLT|DUAL~

ESP or LDC consolidated bill.

REF|PC|DUAL~

Party to calculate bill charges.

NM1|MQ|3~

Start of NM1 Loop.

REF|SU|N~

Life support equipment = No.

REF|VE|LDC~

MDMA (required only if REF02=Other) = LDC or ESP.

REF|VR|LDC~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|LDC~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|LDC~

Meter Owner (required only if REF02=Other) = ESP or LDC

SE|22|0001~

End of transaction with 22 segments (including SE) and the transaction ID.

CONNECT DASR:

UDC to ESP: Final Switch Completion Notification – Connect (CFG-CONNECT)

1.12) Final Switch Notification – Connect Complete

HEADING:

ST|814|0001~

Start of 814 with transaction set ID.

BGN|CN|20041027010953663460052|20041027|081233~

Completion Notification (CN) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)

N1|8S||1|006912877||41~

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:

(Start of LIN Loop)

LIN|00001|SV|EL|SV|CE~

PG&E's unique # for this segment.

ASI|F|021~

Final (F) Addition/Connect (021).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

DTM|243|||D8|20040927~

Completion Date = Disconnect Date

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|91|I~

Usage calculation code = Interval or Load Profile.

REF|LU||1014328999999999~

Service Delivery Point #.

REF|MG|123456~

Meter #.

REF|NH|E19S~

LDC rate calls or tariff.

REF|TZ|Y~

Meter Cycle Indicator

SE|19|0001~

End of transaction with 19 segments (including SE) and the transaction ID.

DISCONNECT DASR:**ESP to UDC: Request to Disconnect Electric SA (SP-REQ-DISCONNECT)****2.1) Disconnect Request****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|13|2004091713493601|20040917|1604~

Request (13) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop):*****LIN|1|SH|EL|SH|CE~**

PG&E's unique # for this segment.

ASI|7|002~

Request (7) for Deletion/Disconnect (002).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

SE|11|0001~

End of transaction with 11 segments (including SE) and the transaction ID.

DISCONNECT DASR:**ESP to UDC: Request to Disconnect Gas SA (SP-REQ-DISCONNECT)****2.2) Disconnect Request****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|13|2004091713493601|20040917|1604~

Request (13) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop):*****LIN|1|SH|GAS|SH|CE~**

PG&E's unique # for this segment.

ASI|7|002~

Request (7) for Deletion/Disconnect (002).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

SE|11|0001~

End of transaction with 11 segments (including SE) and the transaction ID.

DISCONNECT DASR:**UDC to ESP: Response to Disconnect - Accept
(SP_ACK_DISCONNECT)****2.3) Meter investigation not required, pending disconnect date provided****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|11|20040923012331163600051|20040923|082609||2004092214415301~

Response with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|002~

Accept (WQ) for a Connect/Addition Request (002).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BF|Y~

Billing Cycle serial #.

DTM|007|||D8|20041026~

Date of scheduled start.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|D7|N~

Meter installation pending = No.

REF|SU|N~

Life support equipment = No.

SE|17|0001~

End of transaction with 17 segments (including SE) and the transaction ID.

DISCONNECT DASR:

UDC to ESP: Response to Disconnect - Accept (SP_ACK_DISCONNECT)

2.4) Meter investigation required, pending disconnect date not provided

HEADING:

ST|814|0001~

Start of 814 with transaction set ID.

BGN|11|20040923012331163600051|20040923|082609||2004092214415301~

Response with Sender's Record ID and transaction date, time.

(Start of N1 Loop)

N1|8S||1|006912877||41~

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:

(Start of LIN Loop)

LIN|00001|SV|EL|SV|CE~

PG&E's unique # for this segment.

ASI|WQ|002~

Accept (WQ) for a Connect/Addition Request (002).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BF|Y~

Billing Cycle serial #.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|D7|Y~

Meter installation pending = Yes.

REF|SU|N~

Life support equipment = No.

SE|16|0001~

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

DISCONNECT DASR:**UDC to ESP: Response to Disconnect– Reject (SP-NACK-DISCONNECT)****2.5) Rejected Disconnect Request****HEADING:****ST|814|0005~**

Start of 814 with transaction set ID.

BGN|11|20041102025672517670055|20041102|105727||2004102917325741~

Response with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|U|002~

Reject (U) for the Connect/Addition Request.

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|7G|A13|RELCUR~

Reject reason = (See PG&E 814 Guide for complete reject code list.)

SE|12|0005~

End of transaction with 12 segments (including SE) and the transaction ID.

DISCONNECT DASR:**UDC to ESP: Final Switch Completion Notification – Disconnect (CFG-DISCONNECT)****2.6) Final Switch Notification – Disconnect Complete****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|CN|20041027010931163600051|20041027|081233~

Completion Notification (CN) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|F|002~

Request (7) for Deletion/Disconnect (002).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

DTM|243|||D8|20040927~

Completion Date = Disconnect Date

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

SE|14|0001~

End of transaction with 14 segments (including SE) and the transaction ID.

SERVICE DISCONNECT DASR:**UDC to ESP: Notification – Service Disconnect (SVC-DISCONNECT)****2.7) Notification of Service Turn Off Pending (future effective date)****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|14|20041001180288559420051|20041002|010259~

Notice of Change (14) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|7|002~

Request (7) for Deletion/Disconnect (002).

REF|11|TESTSPRID~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

DTM|007|||D8|20041106~

Date of scheduled start.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

SE|14|0001~

End of transaction with 14 segments (including SE) and the transaction ID.

SERVICE DISCONNECT DASR:

UDC to ESP: Notification – Service Disconnect (SVC-DISCONNECT)

2.8) Notification Service Turn Off Complete (past effective date)

HEADING:

ST|814|0001~

Start of 814 with transaction set ID.

BGN|14|20041001180288559420051|20041002|010259~

Notice of Change (14) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)

N1|8S||1|006912877||41~

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:

(Start of LIN Loop)

LIN|00001|SV|EL|SV|CE~

PG&E's unique # for this segment.

ASI|7|002~

Request (7) for Deletion/Disconnect (002).

REF|11|TESTSPRID~

ESP-assigned customer account #.

REF|12|999999999~

PG&E-assigned service agreement ID #.

DTM|007|||D8|20041106~

Date of scheduled start.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

SE|14|0001~

End of transaction with 14 segments (including SE) and the transaction ID.

UPDATE DASR:**ESP to UDC: Request to Update Relationship Provider (SP-REQ-UPDATE)****3.1) Request change to UDC Rate Ready Billing Option****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|13|2004102916542201|20041029|1812~

Request (13) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop):*****LIN|1|SH|EL|SH|CE~**

PG&E's unique # for this segment.

ASI|7|001~

Request (7) to Change

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BLT|LDC~

ESP or LDC consolidated bill.

REF|PC|LDC~

Party to calculate bill charges.

NM1|MQ|3~

Start of NM1 Loop.

REF|RB|RATE1~

ESP rate class.

SE|15|0001~

End of transaction with 15 segments (including SE) and the transaction ID.

UPDATE DASR:

ESP to UDC: Request to Update Relationship Provider (SP-REQ-UPDATE)

3.2) Request change of Meter Owner to Customer

HEADING:

ST|814|0001~

Start of 814 with transaction set ID.

BGN|13|2004102916542201|20041029|1812~

Request (13) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)

N1|SJ||1|999999999||41~

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:

(Start of LIN Loop):

LIN|1|SH|EL|SH|CE~

PG&E's unique # for this segment.

ASI|7|001~

Request (7) to Change

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

NM1|MQ|3~

Start of NM1 Loop.

REF|V9|CUSTOMER~

Meter Owner (required only if REF02=Other) = ESP or LDC

SE|13|0001~

End of transaction with 13 segments (including SE) and the transaction ID.

UPDATE DASR:**UDC to ESP: Response Update – Accept (SP-ACK-UPDATE)****3.3) Accepted Request for Change to UDC Rate Ready Billing Option****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|11|20041102025679392810051|20041102|105727||2004102917370145~

Response with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:**(Start of LIN Loop)****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|001~

Accept (WQ) for a Connect/Addition Request (001).

REF|11|123456798012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BF|T~

Billing Cycle serial #.

REF|BLT|LDC~

ESP or LDC consolidated bill.

REF|PC|LDC~

Party to calculate bill charges.

DTM|007|||D8|20041026~

Date of scheduled start.

NM1|MQ|3~

Start of NM1 Loop.

REF|RB|RATE1~

ESP rate class.

REF|18|LDC~

Reading estimation method.

REF|D7|N~

Meter installation pending = No.

REF|SU|N~

Life support equipment = No.

SE|20|0001~

End of transaction with 20 segments (including SE) and the transaction ID.

UPDATE DASR:**UDC to ESP: Response Update – Accept (SP-ACK-UPDATE)****3.4) Accepted Request for Change of Meter Owner to Customer, meter investigation required, pending switch date not provided****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|11|20041102025679392810051|20041102|105727||2004102917370145~

Response (11) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|001~

Accept (WQ) for a Connect/Addition Request (021).

REF|11|123456798012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BF|T~

Billing Cycle serial #.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|D7|Y~

Meter installation pending = Yes.

REF|V9|CUSTOMER~

Meter Owner (required only if REF02=Other) = ESP or LDC

REF|SU|N~

Life support equipment = No.

SE|17|0001~

End of transaction with 17 segments (including SE) and the transaction ID.

UPDATE DASR:**UDC to ESP: Response Update – Reject (SP-NACK-UPDATE)****3.5) Rejected Update Request****HEADING:****ST|814|0005~**

Start of 814 with transaction set ID.

BGN|11|20041102025672517670055|20041102|105727||2004102916542201~

Response (11) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|U|001~

Reject (U) for the Connect/Addition Request.

REF|11|1234567989012~

ESP-assigned customer account #.

REF|12|999999999~

PG&E-assigned service agreement ID #.

REF|7G|A13|RELCUR~

Reject reason = (See PG&E 814 Guide for complete reject code list.)

NM1|MQ|3~

Start of NM1 Loop.

REF|V9|CUSTOMER~

Meter Owner (required only if REF02=Other) = ESP or LDC

SE|14|0005~

End of transaction with 14 segments (including SE) and the transaction ID.

UPDATE DASR:**UDC to ESP: Notification – Update Service Provider Data (CFG-UPDATE)****3.6) Advance Notice – Pending Disconnect of Current ESP, meter investigation required, no pending end date provided****HEADING:****ST|814|0001^**

Start of 814 with transaction set ID.

BGN|14|20041208020379601050051|20041208|100429^

Notice of Change (14) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41^**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40^

ESP Sender ID.

N1|8R|JOE CUSTOMER^

Customer Name.

N4|||93203^

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE^**

PG&E's unique # for this segment.

ASI|7|001^

Request (7) to Change

REF|11|123456789012^

ESP-assigned customer account #.

REF|12|9999999999^

PG&E-assigned service agreement ID #.

REF|AS|888888888^

New ESP's DUNS #.

NM1|MQ|3^

Start of NM1 Loop.

REF|18|LDC^

Reading estimation method.

SE|14|0001^

End of transaction with 14 segments (including SE) and the transaction ID.

UPDATE DASR:**UDC to ESP: Notification – Update Service Provider Data (CFG-UPDATE)****3.7) Update to Pending ESP - Meter Investigation Completed, pending start date provided****HEADING:****ST|814|0002~**

Start of 814 with transaction set ID.

BGN|14|20041215180179601050052|20041216|020243~

Notice of Change (14) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||93203~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|7|001~

Request (7) to Change

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|AS|888888888~

New ESP's DUNS #.

REF|TD|REFBLT|CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

REF|TD|REFPC|CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

REF|BLT|DUAL|999999999~

ESP or LDC consolidated bill.

REF|PC|DUAL|006912877~

Party to calculate bill charges.

REF|TD|DTM007|CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

DTM|007|||D8|20050103~

Date of scheduled start.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|VE|LDC~

MDMA (required only if REF02=Other) = LDC or ESP.

REF|VR|LDC~

Meter Installer (required only if REF02=Other) = ESP or LDC

REF|VA|LDC~

Meter Maintainer (required only if REF02=Other) = LDC or ESP.

REF|V9|CUSTOMER~

Meter Owner (required only if REF02=Other) = ESP or LDC

SE|24|0002~

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

UPDATE DASR:**UDC to ESP: Notification – Update Service Provider Data (CFG-UPDATE)****3.8) Update to Current ESP - Meter Investigation Complete, pending end date provided****HEADING:****ST|814|0002^**

Start of 814 with transaction set ID.

BGN|14|20041215180179601050052|20041216|220036^

Notice of Change (14) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41^**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40^

ESP Sender ID.

N1|8R|JOE CUSTOMER^

Customer Name.

N4|||93203^

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE^**

PG&E's unique # for this segment.

ASI|7|001^

Request (7) to Change

REF|11|123456789012^

ESP-assigned customer account #.

REF|12|9999999999^

PG&E-assigned service agreement ID #.

REF|AS|888888888^

New ESP's DUNS #.

REF|TD|DTM007|CHANGE^

Reason for Change. (See PG&E 814 Guide for codes list).

REF|TD|DTM243|CHANGE^

Reason for Change. (See PG&E 814 Guide for codes list).

DTM|007|D8|20050103^

Date of scheduled start.

NM1|MQ|3^

Start of NM1 Loop.

REF|18|LDC^

Reading estimation method.

SE|17|0002^

End of transaction with 17 segments (including SE) and the transaction ID.

UPDATE DASR:**UDC to ESP: Notification – Update Service Provider Data (CFG-UPDATE)****3.9) Update of Meter Data Management Agent Complete****HEADING:****ST|814|0001~**

Start of 814 with transaction set ID.

BGN|14|20041209180390434530051|20041210|020433~

Notice of Change (14) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||12345~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|7|001~

Request (7) to Change

REF|11|1234567989012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|TD|DTM007|CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

DTM|007|D8|20041206~

Date of scheduled start.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|VE|OTHER|963657556~

MDMA (required only if REF02=Other) = LDC or ESP.

SE|16|0001~

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

ACCOUNT MAINTENANCE DASR:**ESP to UDC: Notification (REQ-MAINT)****4.1) Notification of Customer Phone Number Change****HEADING:****ST|814|000000001~**

Start of 814 with transaction set ID.

BGN|13|2005021481400001|20050214~

Request (13) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|94707~

Customer's City, State and Zip Code.

PER|IC|JOE CUSTOMER|TE|8005555555~

Customer Information Contact

REF|TD|PERIC|CUSTOMER PHONE NUMBER CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

DETAIL:***(Start of LIN Loop)*****LIN|CE000000001|SH|EL|SH|CE~**

PG&E's unique # for this segment.

ASI|7|022~

Request (7) for Change in Status (022).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

SE|14|000000001~

End of transaction with 14 segments (including SE) and the transaction ID.

ACCOUNT MAINTENANCE DASR:**ESP to UDC: Notification (REQ-MAINT)****4.2) Notification of Service Provider Rate Change for existing Customer****HEADING:****ST|814|000000001~**

Start of 814 with transaction set ID.

BGN|13|2005021481400001|20050214~

Request (13) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|SJ||1|999999999||41~**

ESP Sender ID.

N1|8S||1|006912877||40~

PG&E Sender ID (DUNS #)

N1|8R|JOE CUSTOMER~

Customer Name.

N3|100 ANY STREET~

Customer Address.

N4|ANYTOWN|CA|94707~

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|CE000000001|SH|EL|SH|CE~**

PG&E's unique # for this segment.

ASI|7|022~

Request (7) for Change in Status (022).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

NM1|MQ|3~

Start of NM1 Loop.

REF|RB|ESPRATE1~

ESP rate class.

REF|TD|RB|RATE CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

SE|15|000000001~

End of transaction with 15 segments (including SE) and the transaction ID.

ACCOUNT MAINTENANCE DASR:**UDC to ESP: Response Maint – Accept (ACK-MAINT)****4.3) Accept Maint DASR with new Customer Phone Number****HEADING:****ST|814|000000001~**

Start of 814 with transaction set ID.

BGN|11|200502151803949135866414|20050216|020347||2005021481400001~

Response (11) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|JOE CUSTOMER~

Customer Name.

N4|||94707~

Customer's City, State and Zip Code.

PER|IC|JOE CUSTOMER|TE|8005555555~

Customer Information Contact

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|022~

Accept (WQ) for a Connect/Addition Request (022).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

REF|BF|C~

Billing Cycle serial #.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

REF|D7|N~

Meter installation pending = No.

REF|SU|N~

Life support equipment = No.

SE|16|0014~

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

ACCOUNT MAINTENANCE DASR:**UDC to ESP: Response Maint – Reject (NACK-MAINT)****4.4) Reject Maintenance DASR****HEADING:****ST|814|0005^**

Start of 814 with transaction set ID.

BGN|11|200501260242746650755|20050126|104319||1037773775^

Response (11) with PG&E's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41^**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40^

ESP Sender ID.

N1|8R|JOE CUSTOMER^

Customer Name.

N3|100 ANY STREET^

Customer Address.

N4|ANYTOWN|CA|95202^

Customer's City, State and Zip Code.

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|GAS|SV|CE^**

PG&E's unique # for this segment.

ASI|U|022^

Reject (U) for the Connect/Addition Request.

REF|11|123456789012^

ESP-assigned customer account #.

REF|12|88888888^

PG&E-assigned service agreement ID #.

REF|7G|A76|RCUSTID^

Reject reason = (See PG&E 814 Guide for complete reject code list.)

REF|BLT|LDC^

ESP or LDC consolidated bill.

REF|PC|LDC^

Party to calculate bill charges.

NM1|MQ|3^

Start of NM1 Loop.

SE|16|0005^

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

ACCOUNT MAINTENANCE DASR:**UDC to ESP: Notification of Customer Account Data Change (CFG-MAINT)****4.5) Notification of Customer Name Change****HEADING:****ST|814|0009~**

Start of 814 with transaction set ID.

BGN|14|20040105180903435350059|20040106|021042~

Notice of Change (14) with Sender's Record ID and transaction date, time.

(Start of N1 Loop)**N1|8S||1|006912877||41~**

PG&E Sender ID (DUNS #)

N1|SJ||1|999999999||40~

ESP Sender ID.

N1|8R|MARY CUSTOMER~

Customer Name.

N4|||94939~

Customer's City, State and Zip Code.

REF|TD|N18R|CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

REF|TD|N18R|NAME CHANGE~

Reason for Change. (See PG&E 814 Guide for codes list).

DETAIL:***(Start of LIN Loop)*****LIN|00001|SV|EL|SV|CE~**

PG&E's unique # for this segment.

ASI|WQ|022~

Accept (WQ) for a Connect/Addition Request (022).

REF|11|123456789012~

ESP-assigned customer account #.

REF|12|9999999999~

PG&E-assigned service agreement ID #.

NM1|MQ|3~

Start of NM1 Loop.

REF|18|LDC~

Reading estimation method.

SE|15|0009~

End of transaction with 15 segments (including SE) and the transaction ID.