

Utility	Data Standard/Test Plan	Segment/ No./Row Item	Page Reference	Note
NFG	NY 814 Change (Account Maintenance) (v1.4)	N4 Geographic Location (Mailing Address) - page 19		Domestic addresses: Except for NFG, this field will contain the City Name. NFG will populate this field with a City Name when the City is located within their service territory. If the City is outside their service territory, the City Name, State and postal code will be sent in the N3 segment and the N401 will contain the literal "Outside Service Territory".
All Utilities	NY 814 Change (Account Maintenance) (v1.4)	N4 Geographic Location (Mailing Address) - page 19		Foreign addresses (other than Canada): The Country Code will not be sent in the N404 element. Niagara Mohawk, RG&E, and O&R will populate this field with City Name and Country Name and transmit postal codes in the N403 element. NFG will populate this field with the literal "Foreign Address" and transmit the address in the N3 segment. Con Edison, NYSEG and Keyspan will send the City Name, Country Name and postal code in this element (up to 30 characters). Central Hudson will send only City Name and Country Name in this element.
All Utilities	NY 814 Change (Account Maintenance) (v1.4)	N4 Geographic Location (Mailing Address) - page 19		Niagara Mohawk, RG&E and NYSEG will populate this element with State codes. NFG can populate this element with state codes within their service territory, i.e. NY or PA. This element will not be sent by other Utilities.
National Grid	NY 814 Change (Account Maintenance) (v1.4)	N4 Geographic Location (Mailing Address) - page 19		Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Most Utilities will populate this element only with US zip code information, except for Niagara Mohawk who will populate this element with US zip codes and Canadian or other foreign postal codes. NFG will populate this element with US zip code information only when the mailing address is located within their service territory.
NFG	NY 814 Change (Account Maintenance) (v1.4)	N4 Geographic Location (Mailing Address) - page 19		Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Most Utilities will populate this element only with US zip code information, except for Niagara Mohawk who will populate this element with US zip codes and Canadian or other foreign postal codes. NFG will populate this element with US zip code information only when the mailing address is located within their service territory.

Utility	Data Standard/Test Plan	Segment/ No./Row Item Reference	Page Reference	Note
National Grid	NY 814 Change (Account Maintenance) (v1.4)	REF Reference Identification (Portion Taxed Residential) - page 41		This segment must be sent to National Grid or Orange & Rockland when there has been a change in the portion of a non-residential account that is taxed at a residential rate AND the customer's bill option is Utility Rate Ready consolidated billing.
Orange & Rockland	NY 814 Change (Account Maintenance) (v1.4)	REF Reference Identification (Portion Taxed Residential) - page 41		This segment must be sent to National Grid or Orange & Rockland when there has been a change in the portion of a non-residential account that is taxed at a residential rate AND the customer's bill option is Utility Rate Ready consolidated billing.
NFG	NY 814 Change (Account Maintenance) (v1.4)	AMT Monetary Amount (E/M Budget Plan Installment Amount - page 45		This segment is sent by an E/M to request a change in the ESCO budget plan installment amount when the customer's bill option is Utility Rate Ready consolidated billing. This segment must be sent to National Fuel Gas to effect a change in the monthly installment associated with an ESCO budget plan.

Utility	Data Standard/Test Plan	Segment/ No./Row Item	Page Reference	Note
Orange & Rockland	NY 814 Enrollment Request & Response (v2.0)	Notes pertaining to the use of this document - page v		Except for enrollments in Orange & Rockland's service territory, when a customer enrolls with an ESCO/Marketer for their electric service, all electric meters (and/or un-metered electric service) on the customer's account will be enrolled with that supplier. Similarly, an enrollment with the same (or a different) supplier for gas service, will result in the enrollment of all gas meters with that supplier.
Orange & Rockland	NY 814 Enrollment Request & Response (v2.0)	Notes pertaining to the use of this document - page v		In Orange & Rockland's service territory, when both metered and un-metered electric service is present on an account, an ESCO/Marketer may separately enroll (or drop) the un-metered service on that account by transmitting the REF03 element in the REF*12 (Utility Account Number) segment.
NFG	NY 814 Enrollment Request & Response (v2.0)	Notes pertaining to the use of this document - page vii		There are some significant differences in the required segments for an enrollment request (and related secondary services) and responses where the Single Retailer Model has been implemented for retail access (currently National Fuel Gas supports this model). These differences have been noted in the notes and gray box text in the individual data segments in this implementation guide.
Con Edison	NY 814 Enrollment Request & Response (v2.0)	Notes pertaining to the use of this document - page vii		Only Consolidated Edison and KeySpan currently support gas profile data. If the LIN05 = GP and the Utility does not support gas profiles, the Utility will return the default history data, for the account being enrolled, on an 867 (i.e. up to 12 months of usage, or the life of the account).
National Grid	NY 814 Enrollment Request & Response (v2.0)	Notes pertaining to the use of this document - page vii		Only Consolidated Edison and KeySpan currently support gas profile data. If the LIN05 = GP and the Utility does not support gas profiles, the Utility will return the default history data, for the account being enrolled, on an 867 (i.e. up to 12 months of usage, or the life of the account).
NFG	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (E/M Late Fees) - page 28		This segment must be sent in Request transactions transmitted to National Fuel, when the customer's bill option is Utility Rate Ready consolidated billing and the payment processing method is Pay-As-You-Get-Paid. National Fuel may return this segment in an Accept Response transaction if present in the Request transaction.
National Grid	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Gas Supply Service Option) - page 33		Must be present in all Gas Enrollment Requests sent to Orange & Rockland or National Grid to indicate the type of service option selected for the customer being enrolled. May be sent in other service territories at the discretion of the utility.

Utility	Data Standard/Test Plan	Segment/ No./Row Item Reference	Page Reference	Note
Orange & Rockland	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Gas Supply Service Option) - page 33		Must be present in all Gas Enrollment Requests sent to Orange & Rockland or National Grid to indicate the type of service option selected for the customer being enrolled. May be sent in other service territories at the discretion of the utility.
National Grid	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Human Needs Customer) - page 34		This segment must be present in Requests sent to National Grid when the commodity is gas and the non-residential customer being enrolled meets the definition of a Human Needs Customer as found in National Grid's tariff.
Orange & Rockland	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Portion Taxed Residential) - page 36		This segment must be sent on Requests to National Grid and Orange & Rockland when (1) the bill option requested is Utility rate ready consolidated billing, and (2) the account being enrolled is a non-residential account but a portion of the account is taxed at a residential rate.
National Grid	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Portion Taxed Residential) - page 36		This segment must be sent on Requests to National Grid and Orange & Rockland when (1) the bill option requested is Utility rate ready consolidated billing, and (2) the account being enrolled is a non-residential account but a portion of the account is taxed at a residential rate.
NFG	NY 814 Enrollment Request & Response (v2.0)	AMT Monetary Amount (E/M Budget Plan Installment Amount) - page 38		This segment must be sent in a Request transaction to communicate the monthly budget plan installment amount to be displayed on the E/Ms portion of the consolidated bill when the Request is sent to National Fuel Gas, the customers bill option is Utility Rate Ready and the REF*NR segment indicates that the customer is on a budget plan for E/M charges.
NFG	NY 814 Enrollment Request & Response (v2.0)	AMT Monetary Amount (E/M Budget Plan Balance) - page 39		This segment should be sent in Enrollment Request transactions sent to National Fuel Gas to communicate the balance on a pre-existing budget plan for E/M charges when the customers bill option is changing to Utility Rate Ready consolidated billing, the REF*NR indicates the customer is on budget billing for E/M charges and the customer has a budget plan balance for a period prior to the current enrollment.
Con Edison	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Use Time of Day) - page 52		For Consolidated Edison, this code is used to designate Small Time of Use Off Peak Energy.
Con Edison	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Use Time of Day) - page 52		For Consolidated Edison, this code is used to designate Small Time of Day On Peak Energy.

Utility	Data Standard/Test Plan	Segment/ Page No./Row Item Reference	Note
Con Edison	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (Use Time of Day) - page 53	For Consolidated Edison, this code is used to designate Total Energy or Total Billed Demand.
National Grid	NY 814 Enrollment Request & Response (v2.0)	REF Reference Identification (ESCO Rate Code) - page 55	When an enrollment has been requested by the customer through participation in an ESCO Referral Program, the associated Enrollment Accept Response initiated by National Grid may contain the rate code associated with the discounted commodity price applicable to the introductory period for the Referral Program.

Utility	Data Standard/Test Plan	Segment/ No./Row Item	Page Reference	Note
Orange & Rockland	TS 814 Consumption History Request & Response (v1.2)	Notes pertaining to the use of this document - page ii		Except for requests sent to Orange & Rockland, an EDI request for consumption history is a request for history data for all service delivery points (metered and/or un-metered) for the account requested for the commodity indicated.
Orange & Rockland	TS 814 Consumption History Request & Response (v1.2)	Notes pertaining to the use of this document - page ii		In Orange & Rockland's service territory, when both metered and unmetered electric service is present on an account, an ESCO/Marketer may separately request consumption history for the electric un-metered service on an account when both metered and un-metered service are present on the same account. To request consumption history only for the un-metered service on the account the REF03 element in the REF*12 (Utility Account Number) segment should be transmitted.
Con Edison	TS 814 Consumption History Request & Response (v1.2)	Notes pertaining to the use of this document - page iii		Consolidated Edison and Keyspan support the EDI GP request (see Conditional Data Segments below). If the quantity of consumption history is insufficient to derive a profile, the GP request may be rejected. For Con Edison customers, if a GP request is rejected due to insufficient data, a new 814 Request transaction with an HU request may be transmitted. Keyspan does not support the HU request. A customer's Gas Profile may be periodically updated but these updates will not be transmitted via EDI.
National Grid	TS 814 Consumption History Request & Response (v1.2)	Notes pertaining to the use of this document - page iii		Consolidated Edison and Keyspan support the EDI GP request (see Conditional Data Segments below). If the quantity of consumption history is insufficient to derive a profile, the GP request may be rejected. For Con Edison customers, if a GP request is rejected due to insufficient data, a new 814 Request transaction with an HU request may be transmitted. Keyspan does not support the HU request. A customer's Gas Profile may be periodically updated but these updates will not be transmitted via EDI.
Con Edison	TS 814 Consumption History Request & Response (v1.2)	Notes pertaining to the use of this document - page iii		As noted above, only Consolidated Edison and Keyspan currently support gas profile requests. If the LIN05 = GP and the Utility does not support gas profiles, the Utility will return the default consumption history on an 867 (i.e. up to 12 months of usage, or the life of the account).
National Grid	TS 814 Consumption History Request & Response (v1.2)	Notes pertaining to the use of this document - page iii		As noted above, only Consolidated Edison and Keyspan currently support gas profile requests. If the LIN05 = GP and the Utility does not support gas profiles, the Utility will return the default consumption history on an 867 (i.e. up to 12 months of usage, or the life of the account).

Utility	Data Standard/Test Plan	Segment/ No./Row Item Reference	Page Reference
Orange & Rockland	TS 814 Consumption History Request & Response (v1.2)	REF Reference Identification (Utility Account Number) - page 14	The REF03 element in the REF*12 segment should only be sent to, or received by, Orange & Rockland when the commodity indicated in the LIN segment is Electric but the request pertains only to the un-metered portion of the electric service on the account. This element should not be sent when the LIN request pertains to all electric service on the account.

Utility	Data Standard/Test Plan	Segment/ No./Row Item Reference	Page Reference	Note
National Grid	TS 867 Consumption History/Gas Profile (v1.2)	Notes pertaining to the use of this document - page ii		Gas profiles are only supported by Con Edison and Keyspan.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	Notes pertaining to the use of this document - page ii		Gas profiles are only supported by Con Edison and Keyspan.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	Notes pertaining to the use of this document - page iii		The profile data will be sent in multiple PTD*SM loops – one for each forecast month and one for an Annual Period (KeySpan only).
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	Functional Group ID=PT/ Transaction Set Notes - page 3		The PTD*BG loop is sent by Consolidated Edison or KeySpan in response to requests for gas profile data.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	Functional Group ID=PT/ Transaction Set Notes - page 3		The PTD*BG loop is sent by Consolidated Edison or KeySpan in response to requests for gas profile data.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	MEA Measurements - pages 18-19		For Consolidated Edison, this code is used to designate Small Time of Use Off Peak Energy.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	MEA Measurements - pages 18-19		For Consolidated Edison, this code will be used to designate Total Energy or Total Billed Demand.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	MEA Measurements - pages 37-38		For Consolidated Edison, this code will be used to designate Small Time of Use Off Peak Energy.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	PTD Product Transfer and Resale Detail (Gas Profile Factors) - page 40		KeySpan will also provide an annual forecast of total quantities for the account in the PTD*SM loop.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	PTD Product Transfer and Resale Detail (Gas Profile Factors) - page 40		The PTD*BG and SM loops are only sent by Consolidated Edison or KeySpan.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	PTD Product Transfer and Resale Detail (Gas Profile Factors) - page 40		The PTD*BG and SM loops are only sent by Consolidated Edison or KeySpan.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	DTM Date/Time Reference (Date Customer Initiated Service) - page 42		This segment is sent by KeySpan to indicate the date the customer initiated service at the location for which a gas profile has been generated. If this date is unavailable, this segment will not be sent.

Utility	Data Standard/Test Plan	Segment/ No./Row Item Reference	Page Reference	Note
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Base) - page 45		This segment will be sent by KeySpan to provide the customer's non-heating load factor.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Base) - page 45		x.xx when sent by KeySpan - Long Island x.xxxx when sent by KeySpan - New York
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Slope) - page 46		This segment will be sent by KeySpan to provide the customer's weather normalized load factor.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Load Factor) - page 47		This segment will be sent by KeySpan to provide a load factor expressed as the ratio of non-heating to heating daily demand.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (UFG Rate) - page 48		This segment will be sent by KeySpan to provide the factor used for lost and unaccounted for gas in generating a gas profile for this customer.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Maximum Delivery) - page 49		This segment will be sent by Con Edison to provide the forecast Maximum Monthly Delivery Quantity for the profile period for the account requested.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	PTD Product Transfer and Resale Detail (Gas Profile Data) - page 50		Con Edison will send 12 PTD*SM loops - one for each report month in the gas profile. KeySpan will send 13 PTD*SM loops - one for each report month and one for annual totals for each profile.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	PTD Product Transfer and Resale Detail (Gas Profile Data) - page 50		Con Edison will send 12 PTD*SM loops - one for each report month in the gas profile. KeySpan will send 13 PTD*SM loops - one for each report month and one for annual totals for each profile.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	DTM Date/Time Reference (Annual Period) - page 52		This segment is sent by Keyspan to describe the Annual Period associated with the forecast total quantities in a gas profile.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Usage - Normal) - page 53		This segment is sent by KeySpan to report the forecasted normal use for the period indicated in the DTM segment.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Monthly Usage) - page 54		This segment is sent by Con Edison to report the projected monthly weather normalized usage (including line losses).
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Delivery - Normal) - page 55		This segment is sent by KeySpan to report the unadjusted projected gas delivery quantity for the period indicated.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Monthly Delivery Quantity) - page 56		This segment is sent by Consolidated Edison to report the projected weather normalized monthly delivery quantity for the report month.

Utility	Data Standard/Test Plan	Segment/ No./Row Item Reference	Page Reference Note
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Daily Delivery Quantity) - page 57	This segment is sent by Consolidated Edison to report the forecasted weather normalized daily delivery quantity (including line losses) for the account requested for the report month indicated.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Usage - Design) - page 58	This segment is sent by KeySpan to report the customer's projected gas usage on a design basis.
National Grid	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Delivery - Design) - page 59	This segment is sent by KeySpan to report the projected delivery quantity based on design factors.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	QTY Quantity (Projected Balancing Use) - page 60	Con Edison will send this segment to report the difference between the average daily usage for an historical monthly billing period (weather normalized) and the average daily summer usage.
Con Edison	TS 867 Consumption History/Gas Profile (v1.1)	AMT Monetary Amount (Projected Swing Charges) - page 61	Consolidated Edison will send this segment to report the forecasted charges for balancing services for the report month indicated.