Electronic Data Exchange Standards for Energy Deregulation in New York

~~Consumption~~867Consumption History ~~/~~&Gas Profile

~~EDI 867 Data Dictionary~~
~~Response to 814 History Request~~

~~March 17, 2004~~October 23, 2014
Version 1.~~1~~2

		Summary of Changes
July 20, 2001		**Initial Release**
March 17, 2004		**Version 1.1**
		Added new measurement codes for electric service to the MEA07 element in the MEA segment in the PTD*BO and PTD*BQ loops. Added QTY03 element to the QTY*LH (UFG Rate) segment omitted from version 1.0 in error.
October 23, 2014		**Version 1.2**
		Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary. Replaced references to Marketer and E/M with ESCO.
		The PTD*FG (Additional Information) loop was added to include: REF*0N (Customer Shopping Status) REF*IJ (SIC/NAISC Code) REF*TX (Utility Tax Exempt Status) REF*ZV (Block on Account) REF*TDT (Account Settlement Indicator) REF*YP (NYPA/ReCharge New York) REF*SG (Utility Discount) QTY*KZ (ICAP Tag) QTY*9N (Number of Meters) REF*MG (Meter Number). This loop is used when data is available from the utility and should be sent when there is no historical usage available.
		Updates to Notes to accommodate a hybrid 867HU transaction containing gas profile factors in a PTD*BG loop and up to 24 months of consumption history. Removal of no longer used segments from the PTD*SM loop: • DTM*582****RMD – Annual Period • QTY*99-Projected Usage – Normal • QTY*QD-Projected Delivery – Normal • QTY*9D-Projected Usage – Design • QTY*DD-Projected Delivery – Design Added possible value to MEA01: CQ – Calculated Quantity

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
1	Transaction Set Header	None	ST	HDR	010	01	Transaction Set Identifier Code	Indicates Type of transaction	867	ID(3/3)	Required	
2	Transaction Set Header	None	ST	HDR	010	02	Transaction Set Control Number	Number generated by senders system	ID#	AN(4/9)	Required	Identifying control number that must be unique within the transaction set functional group. This number is assigned by the originator of the transaction.
3	Beginning Segment	None	BPT	HDR	020	01	Transaction Set Purpose Code	Purpose of transaction	52	ID(2/2)	Required	Code indicating that this 867 transaction is a Response to Historical Inquiry.
4	Beginning Segment	None	BPT	HDR	020	02	Reference Identification	Unique and permanent ID for this individual transaction	ID#	AN(1/30)	Required	This number is assigned by the originator of the transaction and must be unique over time. This identifier assists in tracking subsequent activity regarding an individual transaction.
5	Beginning Segment	None	BPT	HDR	020	03	Date	Date transaction was created in senders system	CCYYMMDD	DT(8/8)	Required	
6	Beginning Segment	None	BPT	HDR	020	04	Report Type Code	Code Used to Identify the Report Type for the 867 Response	41=Gas Profile DD=Historic Usage	ID(2/2)	Required	This segment is required to differentiate between a response to a historic usage request versus a gas profile request.
7	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	080	01	Entity Identifier Code	Code identifying the ~~E/M~~ESCO in this transaction	SJ	ID(2/3)	Required	
8	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	080	02	Name	literal name of the ~~E/M~~ESCO	free form text	AN(1/60)	Optional	~~E/M~~ESCO name is not necessary but may be provided by mutual agreement of the trading partners.
9	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	080	03	Identification Code Qualifier	Indicates type of ID number that will be sent in the N104 element of this segment	1=DUNS # 9=DUNS#+4 24=Federal Tax ID	ID(1/2)	Required	
10	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	080	04	Identification Code	ID number for ~~E/M~~ESCO	ID#	AN(2/80)	Required	
11	Name (Utility)	NI Loop	N1	HDR	080	01	Entity Identifier Code	Code identifying the Utility in this transaction	8S	ID(2/3)	Required	
12	Name (Utility)	NI Loop	N1	HDR	080	02	Name	Literal name of the Utility in this transaction	free form text	AN(1/60)	Optional	Utility name is not necessary but may be provided by mutual agreement of the trading partners.
13	Name (Utility)	NI Loop	N1	HDR	080	03	Identification Code Qualifier	Indicates type of ID number that will be sent in the N104 element of this segment	1=DUNS # 9=DUNS#+4 24=Federal Tax ID	ID(1/2)	Required	
14	Name (Utility)	NI Loop	N1	HDR	080	04	Identification Code	ID number for Utility	ID#	AN(2/80)	Required	

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
15	Name (Customer)	NI Loop	N1	HDR	080	01	Entity Identifier Code	Code identifying the customer in this transaction	8R	ID(2/3)	Required	An 867 transaction sent in response to a request for historic usage or gas profile must contain an N4 segment for transmitting data about the customer's current tax district. When an N4 segment is being sent, an N1segment is required to comply with X12 requirements. However, the N102 element in the N1 segment may contain either the customer's name or the literal "NAME".
16	Name (Customer)	NI Loop	N1	HDR	080	02	Name	Literal name of the customer in this transaction	Text or the literal "NAME"	AN(1/60)	Required	See Comment on Line 15. This element is required to comply with X12 requirements but the format is at the discretion of the Utility.
17	Address Information (Service Address)	N1 Loop	N3	HDR	100	01	Name	Customer Service Address - Street		AN 1/55	Optional	Service Address information associated with the account for which historic usage or a gas profile has been requested may be sent in the 867 response at the option of the Utility.
18	Address Information (Service Address)	N1 Loop	N3	HDR	100	02	Name	If N301 exceeds 55 characters, the overflow is sent in N302		AN 1/55	Optional	See comment on Line 17.
19	Geographic Location (Service Address)	N1 Loop	N4	HDR	110	01	City Name	Customer Service Address - City		AN 2/30	Optional	See Comment on Line 17.
20	Geographic Location (Service Address)	N1 Loop	N4	HDR	110	02	State or Province Code	Customer Service Address - State		ID 2/2	Optional	See comment on Line 17.
21	Geographic Location (Service Address)	N1 Loop	N4	HDR	110	03	Postal Code	Customer Service Address - Postal Code		ID 3/15	Optional	See comment on Line 17.
22	Geographic Location (Service Address)	NI Loop	N4	HDR	110	05	Location Qualifier	Code indicating that element N406 contains a code or text pertaining to the customer's current tax district.	TX	X ID 1/2	Required	Element N406 must contain a code or text indicating the current, rather than historic, tax district applicable to the account for which consumption history has been requested.
23	Geographic Location (Service Address)	NI Loop	N4	HDR	110	06	Location Identifier	An alphanumeric code or text indicating the municipality in which the customer resides.	code or text	AN 1/30	Required	See comment on Line 17. The structure of this element may vary by Utility but the data sent must be sufficient to enable the recipient to identify the correct taxing district for the customer.
24	Reference Identification (Utility Account Number)	NI Loop	REF	HDR	120	01	Reference Identification Qualifier	Code indicating that the REF02 element contains the Utility assigned account number for the customer	12	ID(2/3)	Required	

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
25	Reference Identification (Utility Account Number)	NI Loop	REF	HDR	120	02	Reference Identification	Customer's account number	Account #	AN(1/30)	Required	
26	Reference Identification (Previous Utility Account Number)	NI Loop	REF	HDR	120	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility's previous account number for the customer	45	ID(2/3)	Conditional	Required when the customer's account number has changed in the last 90 days.
27	Reference Identification (Previous Utility Account Number)	NI Loop	REF	HDR	120	02	Reference Identification	Customer's old account number	Account #	AN(1/30)	Required	See Comment on Line 26.
28	Product Transfer and Resale Detail (Metered Summary)	PTD Loop	PTD	DTL	010	01	Product Transfer Type Code	Code indicating that this PTD loop contains summarized metered consumption history data for the metered service delivery points on the account requested.	BO	ID 2/2	Conditional	The structure of the 867 response transaction will identify the type of data being sent by the placement of the data in the correct PTD loop. In this 867 transaction standard there are five PTD loops. This PTD loop (PTD*BO) is sent when metered consumption data for the account requested is summarized. When the service delivery points on an account have different rate classes or load shapes it will be necessary to send more than one PTD*BO loop. When consumption history data is metered but the data is being reported by individual meter, then the PTD*BQ loop (Metered Detail) should be used instead of this segment. When a specific PTD loop is sent it must contain all of the required segments and elements for that loop.
29	Product Transfer and Resale Detail (Metered Summary)	PTD Loop	PTD	DTL	010	04	Reference Identification Qualifier	Indicates that the code sent in PTD05 will identify the commodity being reported in this PTD loop.	OZ	ID 2/3	Required	When PTD*BO is sent this element is required.
30	Product Transfer and Resale Detail (Metered Summary)	PTD Loop	PTD	DTL	010	05	Reference Identification	Code indicating commodity type	EL or GAS	AN(1/30)	Required	When PTD*BO is sent this element is required.
31	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility Rate Service Class associated with the metered summary data contained in this PTD loop for the account requested.	NH	ID(2/3)	Required	See Comment on Line 28.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
32	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility rate code as found in the tariff associated with the consumption history contained in this PTD loop.		AN(1/30)	Required	
33	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the utility rate subclass associated with the metered consumption data contained in this PTD loop for the account requested.	PR	ID(2/3)	Conditional	This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.
34	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Code indicating the sub class associated with the REF*NH segment for the metered consumption data in this PTD loop for the account and commodity requested.		AN(1/30)	Conditional	See Comments on Line 33.
35	Reference Identification (Load Profile)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains a load profile code associated with the metered consumption data sent in this PTD loop.	LO	ID(2/3)	Conditional	Load profile codes must be sent when the service is Electric. If more than one load profile code is associated with the metered consumption history on an account, it will be necessary to send multiple PTD*BO loops.
36	Reference Identification (Load Profile)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility assigned load profile code for the account associated with the metered consumption sent in this PTD loop.		AN(1/30)	Conditional	Some Utilities will post load profile information on their web site for look up by eligible ~~ESCO/Marketers~~ESCOs.
37	Quantity	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that QTY02 contains the number of metered service delivery points associated with the data summarized in this QTY loop for the period indicated for the account and commodity requested.	FL	ID(2/2)	Required	Each PTD*BO loop will contain multiple QTY loops since the default response to a request is up to 12 months of historic usage. For electric accounts a separate QTY loop is necessary for each time of day interval being reported within a measurement period (eg on-peak, off-peak). If there is more than one unit of measure (for example, demand and kilowatt hours) being reported each unit must be reported in a separate QTY loop for each measurement period. Refer to the examples at the back of the 867HU Implementation Guide for illustrations.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
38	Quantity	QTY Loop	QTY	DTL	110	02	Quantity	Indicate the number of service points associated with the metered consumption data in this QTY loop within this PTD loop for each period being reported.	#	R 1/15	Required	
39	Measurements	QTY Loop	MEA	DTL	160	01	Measurement Reference ID Code	Code indicating whether the data in this QTY loop is actual, estimated or billed consumption data.	AN=Actual BR=Billed EN=Estimated CQ=Calculated Quantity	ID2/2	Required	See 867HU Implementation Guide for definitions.
40	Measurements	QTY Loop	MEA	DTL	160	02	Measurement Qualifier	Code indicating the data in this segment is consumption.	PRQ	ID 1/3	Required	
41	Measurements	QTY Loop	MEA	DTL	160	03	Measurement Value	Quantity of consumption for the type indicated in MEA04 for the period indicated in MEA07 for this QTY loop for the account and commodity requested.		R 1/20	Required	"00's are valid values.
42	Measurements	QTY Loop	MEA	DTL	160	04	Unit or Basis for Measurement Code	Codes used to indicate the type of measurement associated with the quantity sent in element MEA03.	HH,K1,K2,K3,K4, K5,K7,KH,TD,TZ	ID(2/2)	Required	
43	Measurements	QTY Loop	MEA	DTL	160	07	Measurement Significance Code	Codes indicating the period (in a day) when the quantity indicated in MEA03 was consumed.	41, 42, 43, 45, 49,50, 51, 57, 58,73,74,75, 84,85,86,87, 88,89,90,91, 92,93,94	ID(2/2)	Conditional	This segment is sent when the service indicated in PTD05 is Electric. Refer to the 867HU implementation guide for code definitions.
44	Date/Time Reference (Period Start Date)	QTY Loop	DTM	DTL	210	01	Date/Time Qualifier	Code indicating that DTM02 contains the measurement period start date associated with the quantity sent in the MEA03 element in this QTY loop.	150	ID(3/3)	Required	
45	Date/Time Reference (Period Start Date)	QTY Loop	DTM	DTL	210	02	Date		CCYYMMDD	DT(8/8)	Required	

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
46	Date/Time Reference (Period End Date)	QTY Loop	DTM	DTL	210	01	Date/Time Qualifier	Code indicating that DTM02 contains the measurement period end date associated with the quantity sent in the MEA03 element in this QTY loop.	151	ID(3/3)	Required	
47	Date/Time Reference (Period End Date)	QTY Loop	DTM	DTL	210	02	Date		CCYYMMDD	DT(8/8)	Required	
48	Product Transfer and Resale Detail (Unmetered Usage)	PTD Loop	PTD	DTL	010	01	Product Transfer Type Code	Code indicating that this PTD loop contains unmetered consumption history data.	BC	ID 2/2	Conditional	The PTD*BC segment is used to transmit unmetered consumption history data for the account and commodity requested. All unmetered usage of the same service class, subclass and load shape should be summarized in the same PTD loop. When, for example, street lights and outdoor signage on an account have separate load shapes it would be necessary to send two PTD*BC loops. When the history data does not contain any unmetered usage data the PTD*BC segment is not sent.
49	Product Transfer and Resale Detail (Unmetered Usage)	PTD Loop	PTD	DTL	010	04	Reference Identification Qualifier	Indicates that PTD05 identifies the commodity reported in this loop.	OZ	ID 2/3	Required	When PTD*BC is sent this element is required.
50	Product Transfer and Resale Detail (Unmetered Usage)	PTD Loop	PTD	DTL	010	05	Reference Identification	Code indicating commodity type	EL or GAS	AN(1/30)	Required	When PTD*BC is sent this element is required.
51	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility service class associated with the unmetered consumption data contained in this PTD loop for the account requested.	NH	ID(2/3)	Required	When PTD*BC is sent this element is required.
52	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility rate code as found in the tariff associated with the unmetered consumption history contained in this PTD loop.		AN(1/30)	Required	See Comment on Line 51.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
53	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the utility rate subclass associated with the unmetered consumption data contained in this PTD loop for the account requested.	PR	ID(2/3)	Conditional	This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.
54	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Code indicating the sub class associated with the REF NH segment for the unmetered consumption data in this PTD loop for the account and commodity requested.		AN(1/30)	Conditional	See Comments on Line 53.
55	Reference Identification (Load Profile)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the load profile code associated with the unmetered consumption data sent in this PTD loop.	LO	ID(2/3)	Required	Load profile codes must be sent when the service is Electric. If more than one load profile code is associated with the unmetered consumption history on an account, it will be necessary to send multiple PTD*BC loops.
56	Reference Identification (Load Profile)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility assigned load profile code for the unmetered consumption sent in this PTD loop.		AN(1/30)	Required	Some Utilities will post load profile information on their web site for look up by eligible ~~ESCO/Marketers~~ESCOs.
57	Quantity	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that QTY02 contains the number of unmetered service delivery points associated with the data summarized in this QTY loop for the period indicated for the account and commodity requested.	FL	ID(2/2)	Required	
58	Quantity	QTY Loop	QTY	DTL	110	02	Quantity	Indicate the number of service points associated with the unmetered consumption data in this QTY loop within this PTD loop for each period being reported.	#	R 1/15	Required	

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
59	Measurements	QTY Loop	MEA	DTL	160	01	Measurement Reference ID Code	Code indicating whether the data in this QTY loop is actual, estimated or billed consumption data.	AN=Actual BR=Billed EN=Estimated CQ=Calculated Quantity	ID2/2	Required	
60	Measurements	QTY Loop	MEA	DTL	160	02	Measurement Qualifier	Code indicating the data in this segment is consumption.	PRQ	ID 1/3	Required	
61	Measurements	QTY Loop	MEA	DTL	160	03	Measurement Value	Quantity of consumption for the type indicated in MEA04 for the period indicated in MEA07 for this QTY loop for the account and commodity requested.		R 1/20	Required	
62	Measurements	QTY Loop	MEA	DTL	160	04	Unit or Basis for Measurement Code	Codes used to indicate the type of measurement associated with the quantity sent in element MEA03.	HH,K1,K2,K3,K4, K5,K7,KH,TD,TZ	ID(2/2)	Required	
63	Date/Time Reference (Period Start Date)	QTY Loop	DTM	DTL	210	01	Date/Time Qualifier	Code indicating that DTM02 contains the measurement period start date associated with the quantity sent in the MEA03 element in this QTY loop.	150	ID(3/3)	Required	
64	Date/Time Reference (Period Start Date)	QTY Loop	DTM	DTL	210	02	Date		CCYYMMDD	DT(8/8)	Required	
65	Date/Time Reference (Period End Date)	QTY Loop	DTM	DTL	210	01	Date/Time Qualifier	Code indicating that DTM02 contains the measurement period end date associated with the quantity sent in the MEA03 element in this QTY loop.	151	ID(3/3)	Required	
66	Date/Time Reference (Period End Date)	QTY Loop	DTM	DTL	210	02	Date		CCYYMMDD	DT(8/8)	Required	

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
67	Product Transfer and Resale Detail (Metered Consumption Detail)	PTD Loop	PTD	DTL	010	01	Product Transfer Type Code	Code indicating that this PTD loop contains consumption history data by individual metered service point for the account and commodity requested.	BQ	ID 2/2	Conditional	The PTD*BQ loop is used to report metered consumption history data for the account and commodity specified in the request for an individual metered service point. When history data is recorded by individual meter, this PTD loop should be sent.
68	Product Transfer and Resale Detail (Metered Consumption Detail)	PTD Loop	PTD	DTL	010	04	Reference Identification Qualifier	Indicates that PTD05 identifies the commodity reported in this loop.	OZ	ID 2/3	Required	When PTD*BQ is being sent, this element is required.
69	Product Transfer and Resale Detail (Metered Consumption Detail)	PTD Loop	PTD	DTL	010	05	Reference Identification	Code indicating commodity type	EL or GAS	AN(1/30)	Required	When PTD*BQ is being sent, this element is required.
70	Reference Identification (Meter Number)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility assigned meter number for the service end point being reported in this PTD loop.	MG	ID 2/3	Required	When PTD*BQ is being sent, this element is required.
71	Reference Identification (Meter Number)	PTD Loop	REF	DTL	030	02	Reference Identification		Meter #	AN(1/30)	Required	When PTD*BQ is being sent, this element is required.
72	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility service class associated with the metered consumption data contained in this PTD loop for the account requested.	NH	ID(2/3)	Required	
73	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility rate code as found in the tariff associated with the metered consumption history contained in this PTD loop.		AN(1/30)	Required	
74	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the utility rate subclass associated with the metered consumption data contained in this PTD loop for the account requested.	PR	ID(2/3)	Conditional	This segment must be sent if a rate subclass is applicable to the service delivery points summarized in this PTD loop.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
75	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Code indicating the sub class associated with the REF*NH segment for the metered consumption data in this PTD loop for the account and commodity requested.		AN(1/30)	Conditional	
76	Reference Identification (Load Profile)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the load profile code associated with the metered consumption data sent in this PTD loop.	LO	ID(2/3)	Conditional	Load Profile codes must be sent when the service is Electric.
77	Reference Identification (Load Profile)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility assigned load profile code for the account, and rate class (and sub class) associated with the metered consumption sent in this PTD loop.		AN(1/30)	Conditional	
78	Quantity	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that QTY02 contains the number of metered service points contained in this PTD loop for the account and commodity requested.	FL	ID(2/2)	Required	
79	Quantity	QTY Loop	QTY	DTL	110	02	Quantity	Indicate the number of service points associated with the consumption data in this QTY loop for each period being reported.	1	R 1/15	Required	For the PTD*BQ loop, this element is always "1" .
80	Measurements	QTY Loop	MEA	DTL	160	01	Measurement Reference ID Code	Code indicating whether the consumption in this QTY loop is actual, estimated or billed consumption.	AN=Actual BR=Billed EN=Estimated CQ=Calculated Quantity	ID2/2	Required	
81	Measurements	QTY Loop	MEA	DTL	160	02	Measurement Qualifier	Code indicating the data in this segment is consumption.	PRQ	ID 1/3	Required	

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
82	Measurements	QTY Loop	MEA	DTL	160	03	Measurement Value	Quantity of consumption for the type indicated in MEA04 for the period indicated in MEA07 for this QTY loop for the account and commodity requested.		R 1/20	Required	
83	Measurements	QTY Loop	MEA	DTL	160	04	Unit or Basis for Measurement Code	Codes used to indicate the type of measurement associated with the quantity sent in MEA03.	HH,K1,K2,K3,K4, K5,K7,KH,TD,TZ	ID(2/2)	Required	
84	Measurements	QTY Loop	MEA	DTL	160	07	Measurement Significance Code	Codes indicating the period (in a day) when the quantity indicated in MEA03 was consumed.	41, 42, 43, 45, 49,50, 51, 57, 58,73,74,75, 84,85,86,87, 88,89,90,91, 92,93,94	ID(2/2)	Conditional	This segment is sent when the service indicated in PTD05 is Electric. Refer to the 867HU implementation guide for code definitions.
85	Date/Time Reference (Period Start Date)	QTY Loop	DTM	DTL	210	01	Date/Time Qualifier	Code indicating that DTM02 contains the measurement period start date associated with the quantity sent in the MEA03 element in this QTY loop.	150	ID(3/3)	Required	
86	Date/Time Reference (Period Start Date)	QTY Loop	DTM	DTL	210	02	Date		CCYYMMDD	DT(8/8)	Required	
87	Date/Time Reference (Period End Date)	QTY Loop	DTM	DTL	210	01	Date/Time Qualifier	Code indicating that DTM02 contains the measurement period end date associated with the quantity sent in the MEA03 element in this QTY loop.	151	ID(3/3)	Required	
88	Date/Time Reference (Period End Date)	QTY Loop	DTM	DTL	210	02	Date		CCYYMMDD	DT(8/8)	Required	

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
89	Product Transfer and Resale Detail (Gas Profile Factors)	PTD Loop	PTD	DTL	010	01	Product Transfer Type Code	Code indicating that this PTD loop contains the non-recurring factors associated with the derivation of the gas profile data to be transmitted in the PTD*SM loop. The gas profile is derived from consumption history data.	BG	ID 2/2	Conditional	The PTD*BG and PTD*SM segments are sent in response to requests for a gas profile. The PTD*BG segment is used to transmit gas profile factors. Data sent in this PTD loop are certain non-recurring items associated with the development of a customer's gas profile including factors used to determine the quantities and amounts transmitted in the PTD*SM segment. when a gas profile is being sent. The data is arrayed in a series of QTY segments within this PTD loop. This PTD segment is only supported by Con Edison, Keyspan-New York and Keyspan-Long Island but not all QTY segments will be transmitted by each company. Refer to the Comments columncompany's Utility Maintained EDI Guides to determine which QTY segments will be transmitted by each companysent.
90	Product Transfer and Resale Detail (Gas Profile Factors)	PTD Loop	PTD	DTL	010	04	Reference Identification Qualifier	Indicates that PTD05 identifies the commodity reported in this loop.	OZ	ID 2/3	Required	See Comment on Line 90. This element must be sent even though all of the data in this PTD loop will only pertain to gas.
91	Product Transfer and Resale Detail (Gas Profile Factors)	PTD Loop	PTD	DTL	010	05	Reference Identification	Code indicating commodity type	GAS	AN(1/30)	Required	When PTD*BG is sent, this element is required.
92	Date/Time Reference (Profile Period Start Date)	PTD Loop	DTM	DTL	020	01	Date/Time Qualifier	Code indicating that DTM02 contains the date the customer's gas profile was initially created.	193	ID 3/3	Required	The Gas Profile contains forecast data for each month in a 12 month period. This segment will be sent by Con Edison and Keyspanutilities that provide gas profiles to indicate the date a customer's gas profile was first created.
93	Date/Time Reference (Profile Period Start Date)	PTD Loop	DTM	DTL	020	02	Date		CCYYMMDD	DT 8/8	Required	See Comment on Line 93.
94	Date/Time Reference (Date Customer Initiated Service)	PTD Loop	DTM	DTL	020	01	Date/Time Qualifier	Code indicating that DTM02 indicates the date the customer initiated gas service at the current service address for the account requested.	629	ID 3/3	Conditional	When data is available for the account requested, this segment willmay be sent by Keyspana utility that provides gas profiles to provide the date gas service was initiated at the premise for which a gas profile has been created.
95	Date/Time Reference (Date Customer Initiated Service)	PTD Loop	DTM	DTL	020	02	Date		CCYYMMDD	DT 8/8	Required	See Comment on Line 95.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
96	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility rate class associated with customer/account for which a gas profile has been developed.	NH	ID(2/3)	Required	When PTD*BG is sent, this element is required. This segment is supported by ~~Con Edison and Keyspan~~utilities that provide gas profiles.
97	Reference Identification (Utility Rate Service Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility rate code as found in the tariff associated with the gas service on the account requested for which a gas profile has been developed.		AN(1/30)	Required	See Comment on Line 97.
98	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility rate subclass associated with customer/account for which a gas profile has been developed.	PR	ID(2/3)	Conditional	This segment must be sent when a rate subclass is applicable to the account for which a gas profile has been requested. This element is supported by ~~Con Edison and Keyspan.~~utilities that provide gas profiles.
99	Reference Identification (Rate Sub Class)	PTD Loop	REF	DTL	030	02	Reference Identification	Utility rate subclass code as found in the tariff associated with the gas service on the account requested for which a gas profile has been developed.		AN(1/30)	Conditional	See Comment on Line 99.
100	Quantity (Base)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that QTY02 contains the non-heating load factor, based on daily consumption, for the account for which the gas profile has been developed.	1Y	ID(2/2)	Conditional	This segment ~~will~~may be sent by ~~Keyspan~~a utility that provides gas profiles.
101	Quantity (Base)	QTY Loop	QTY	DTL	110	02	Quantity	The non-heating load factor.	xxx.xx per day or xxx.xxxx per day	R 1/15	Required	When QTY*FJ is sent, this element is required. ~~Sent by Keyspan-NewYork.~~ A utility may elect to send the element in the form x.xx ~~and Keyspan-Long Island~~or in the form xx.xxxx.
102	Quantity (Base)	QTY Loop	QTY	DTL	110	03	Composite Unit of Measure	This element describes the unit of measurement for the quantity sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*FJ is sent, this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
103	Quantity (Slope)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that QTY02 contains the customer's weather normalized load factor based on average daily consumption.	FJ	ID 2/2	Conditional	This segment ~~will~~may be sent by ~~Keyspan~~a utility that provides gas profiles.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
104	Quantity (Slope)	QTY Loop	QTY	DTL	110	02	Quantity	weather normalized load factor	x.xxxx	R 1/15	Required	When QTY*FJ is sent, this element is required.
105	Quantity (Slope)	QTY Loop	QTY	DTL	110	03	Composite Unit of Measure	This element describes the unit of measurement for the quantity sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*FJ is sent, this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
106	Quantity (Load Factor)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that QTY02 contains a load factor expressed as the ratio of non-heating to heating daily demand.	LP	ID 2/2	Conditional	This segment ~~will~~may be sent by ~~Keyspan~~a utility that provides gas profiles.
107	Quantity (Load Factor)	QTY Loop	QTY	DTL	110	02	Quantity		x.xx	R 1/15	Required	When QTY*LP is sent this element is required.
108	Quantity (UFG Rate)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 is the percentage of lost and unaccounted for gas used to develop the gas profile for the account requested.	LH	ID 2/2	Conditional	This segment ~~will~~may be sent by ~~Keyspan~~a utility that provides gas profiles.
109	Quantity (UFG Rate)	QTY Loop	QTY	DTL	110	02	Quantity	Percentage of lost or unaccounted for gas in the form .xxxx	x.xxxx	R 1/15	Required	When QTY*LH is sent, this element is required.
110	Quantity (UFG Rate)	QTY Loop	QTY	DTL	110	03	Composite Unit of Measure	This element describes the unit of measurement for the quantity sent in QTY02.	TD=Therms	ID 2/2	Conditional	When QTY*LH is sent, this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
111	Quantity (Maximum Delivery)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that QTY02 contains the maximum monthly delivery quantity for the account requested for which a gas profile has been developed.	CG	ID 2/2	Conditional	This segment ~~will~~may be sent by ~~Con Edison~~a utility that provides gas profiles.
112	Quantity (Maximum Delivery)	QTY Loop	QTY	DTL	110	02	Quantity	Forecast maximum monthly delivery quantity	Real Data	R 1/15	Required	When QTY*CG is sent, this element is required.
113	Quantity (Maximum Delivery)	QTY Loop	QTY	DTL	110	03	Composite Unit of Measure	This element describes the unit of measurement for the quantity sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*CG is sent, this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
114	Product Transfer and Resale Detail (Gas Profile Data)	PTD Loop	PTD	DTL	010	01	Product Transfer Type Code	Code indicating that this PTD loop contains the forecast consumption for the account requested for a specific month or the total forecast consumption for the entire 12 month period.	SM	ID 2/2	Conditional	The PTD*SM segment is used to send gas profile data for each month in a 12 month forecast period as well as a forecast of total consumption for the 12 month period encompassed by the profile. This PTD loop will be sent by ~~Con Edison and Keyspan. Not~~utilities that provide gas profiles but not all segments will be sent ~~by both companies.~~. Refer to the ~~Comments column~~company's Utility Maintained EDI Guides to determine which segments will be sent ~~by each company~~.
115	Product Transfer and Resale Detail (Gas Profile Data)	PTD Loop	PTD	DTL	010	04	Reference Identification Qualifier	Indicates that PTD05 identifies the commodity reported in this loop.	OZ	ID 2/3	Required	When PTD*SM is sent this element is required.
116	Product Transfer and Resale Detail (Gas Profile Data)	PTD Loop	PTD	DTL	010	05	Reference Identification	Code indicating commodity type	GAS	AN(1/30)	Required	When PTD*SM is sent, this element is required. GAS is the only valid value for this element in this PTD loop.
117	Date/Time Reference (Report Month)	PTD Loop	DTM	DTL	020	01	Date/Time Qualifier	Code indicating that this DTM segment identifies the report month associated with the forecast quantity data provided in this QTY segment in this PTD loop.	582	ID 3/3	Required	The Gas Profile contains forecast data for each month in a 12 month forecast period. The data in each QTY segment is associated with a specific month by assigning a numeric value to each month such that 01=January, 02=February, etc. ~~Keyspan~~In its Utility Maintained EDI Guide, a utility that provides gas ~~profile~~profiles will ~~always~~identify whether it: • Always begin with month 10 (October) and end with month 09 (September). ~~Con Edison profiles may begin~~ Begin with any month, depending upon the timing of the request transaction.
118	Date/Time Reference (Report Month)	PTD Loop	DTM	DTL	020	05	Date Time Period Format Qualifier	Code indicating that the value sent element 06 in this segment will be in numeric format such that 01 will identify January, 02 will identify February, etc.	MM	ID 2/3	Required	
119	Date/Time Reference (Report Month)	PTD Loop	DTM	DTL	020	06	Date Time Period	The month for which the QTY values apply.	01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, or 12	AN 1/35	Required	See Comment on Line 117.
~~1201~~ 26	~~Date/Time Reference (Annual Period)~~ Quantity	~~PTDQ~~ TY Loop	~~DTM~~QTY	DTL	~~020~~110	01	~~Date/Time~~Quantity Qualifier	Code indicating ~~that this DTM segment contains~~ the ~~range of months and days~~quantity in	~~582~~AY	ID ~~3~~/32/2	Conditional	This segment ~~will~~may be sent by ~~Keyspan to describe the Annual Period associated with the forecast total quantities in the~~a utility that provides gas ~~profile.~~ profiles.

	(Projected Monthly Usage)							QTY02 is forecast weather normalized monthly usage including line losses for the ~~annual~~ period ~~covered by the forecast total quantities in the gas profile.~~ indicated in DTM*582.				

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
121	Date/Time Reference (Annual Period)	PTD Loop	DTM	DTL	020	05	Date Time Period Format Qualifier	Code indicating that the range of months described in the 06 element in this segment will be in the format MMDD.	RMD	ID 2/3	Required	See Comment on Line 120. The data range should be in the format MMDD-MMDD.
122	Date/Time Reference (Annual Period)	PTD Loop	DTM	DTL	020	06	Date Time Period	Range of months covered by the Annual Period.	Valid values: MM=01-12; DD=01-31	AN 1/35	Required	-
123	Quantity (Projected Usage - Normal)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 is the normal projected gas usage for the period indicated in DTM*582 in this PTD loop.	99	ID 2/2	Conditional	This segment will be sent by Keyspan.
124	Quantity (Projected Usage - Normal)	QTY Loop	QTY	DTL	110	02	Quantity	numeric values in the form xxxxx.xx	xxxxx.xx	R 1/15	Required	When QTY*99 is sent this element is required.
125	Quantity (Projected Usage - Normal)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*99 is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
126	Quantity (Projected Monthly Usage)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating the quantity in QTY02 is forecast weather normalized monthly usage including line losses for the period indicated in DTM*582.	AY	ID 2/2	Conditional	This segment will be sent by Con Edison.
127	Quantity (Projected Monthly Usage)	QTY Loop	QTY	DTL	110	02	Quantity	forecast usage in the form xxxxx.xx	xxxx.xxxx	R 1/15	Required	When QTY*AY is sent this element is required.
128	Quantity (Projected Monthly Usage)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*AY is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
1291 32	Quantity (Projected Monthly Delivery- Normal Quantity)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the dataquantity in QTY02 is a projectedforecast of monthly gas delivery quantity quantities on a weather normalized basis for the period indicated in DTM*582 in this PTD loop. .	QD70	ID 2/2	Conditional	WillThis segment may be sent by Keyspana utility that provides gas profiles.
130	Quantity (Projected Delivery- Normal)	QTY Loop	QTY	DTL	110	02	Quantity	-	Real Data	R 1/15	Required	When QTY*QD is sent this element is required.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
131	Quantity (Projected Delivery Normal)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*QD is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
132	Quantity (Projected Monthly Delivery Quantity)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the quantity in QTY02 is a forecast of monthly gas delivery quantities on a weather normalized basis for the period indicated in DTM*582.	70	ID 2/2	Conditional	This segment will be sent by Con Edison.
133	Quantity (Projected Monthly Delivery Quantity)	QTY Loop	QTY	DTL	110	02	Quantity	Numeric value in the form xxxx.xx therms per day	xxx.xx per day	R 1/15	Required	When QTY*70 is sent this element is required.
134	Quantity (Projected Monthly Delivery Quantity)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*70 is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
135	Quantity (Projected Daily Delivery Quantity)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 is a weather normalized projected daily delivery quantity (including line losses).	WD	ID 2/2	Conditional	This segment willmay be sent by Con Edisona utility that provides gas profiles.
136	Quantity (Projected Daily Delivery Quantity)	QTY Loop	QTY	DTL	110	02	Quantity	Numeric value in the form xxxx.xx therms per day		R 1/15	Required	When QTY*WD is sent this element is required.
137	Quantity (Projected Daily Delivery Quantity)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*WD is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
138144	Quantity (Projected Usage DesignBalancing Use)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 isrepresents the projected usagebalancing use for the period indicated in the DTM segment of this PTD loop for the design factors indicated in the Gas Profile Factors PTD loop.*582 .	DEBA	ID 2/2	Conditional	WillThis segment may be sent by Keyspana utility that provides gas profiles.
139	Quantity (Projected Usage Design)	QTY Loop	QTY	DTL	110	02	Quantity	-	Real Data	R 1/15	Required	When QTY*DE is sent this element is required.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
140	Quantity (Projected Usage-Design)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*DE is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
141	Quantity (Projected Delivery-Design)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 is the projected delivery quantity for the period indicated in DTM*582 based on design factors.	DD	ID 2/2	Conditional	This segment will be sent by Keyspan.
142	Quantity (Projected Delivery-Design)	QTY Loop	QTY	DTL	110	02	Quantity	quantity in the form xx per day.	-	R 1/15	Required	When QTY*DD is sent this element is required.
143	Quantity (Projected Delivery-Design)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*DD is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
144	Quantity (Projected Balancing Use)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 represents the projected balancing use for the period indicated in DTM*582	BA	ID 2/2	Conditional	This segment will be sent by Con Edison.
145	Quantity (Projected Balancing Use)	QTY Loop	QTY	DTL	110	02	Quantity	numeric values in the form xxx per day		R 1/15	Required	When QTY*BA is sent this element is required.
146	Quantity (Projected Balancing Use)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	TD=Therms	ID 2/2	Required	When QTY*BA is sent this element is required. TD is the only valid value for this element in this QTY segment within this PTD loop.
147	Monetary Amount (Projected Swing Charges)	QTY Loop	AMT	DTL	140	01	Amount Qualifier Code	Code indicating that the data in QTY02 represents the forecast swing charges associated with balancing services for the account for whom a gas profile has been requested for the period indicated in DTM*582.	SW	ID 1/3	Conditional	This segment willmay be sent by Con Edison.a utility that provides gas profiles
148	Monetary Amount (Projected Swing Charges)	QTY Loop	AMT	DTL	140	02	Monetary Amount	Dollar value in whole numbers.	$	R 1/18	Required	When AMT*SW is sent this element is required.
149	Transaction Set Trailer	None	SE	DTL	180	01	Number of Included Segments	Number of segments in this transaction.	#	NO 1/10	Required	-

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
149	Product Transfer and Resale Detail (Metered Consumption Detail)	PTD Loop	PTD	DTL	010	01	Product Transfer Type Code	Code indicating that this PTD loop contains additional information for the account and commodity requested.	FG	ID 2/2	Conditional	The PTD*FG loop is used to report additional information for the account and commodity specified in the request and should be sent when this info is available to the utility. This PTD loop should be sent in addition to the HU data and when no HU data is available from the utility.
150	Product Transfer and Resale Detail (Metered Consumption Detail)	PTD Loop	PTD	DTL	010	04	Reference Identification Qualifier	Indicates that PTD05 identifies the commodity reported in this loop.	OZ	ID 2/3	Required	When PTD*FG is being sent, this element is required.
151	Product Transfer and Resale Detail (Metered Consumption Detail)	PTD Loop	PTD	DTL	010	05	Reference Identification	Code indicating commodity type	EL or GAS	AN(1/30)	Required	When PTD*FG is being sent, this element is required.
152	Reference Identification (Customer Supply Status)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Customer Supply Status for the account being reported in this PTD loop.	0N	ID 2/3	Conditional	When PTD*FG is being sent, this element is required.
153	Reference Identification (Customer Supply Status)	PTD Loop	REF	DTL	030	02	Reference Identification	Customer Supply Status Indicator	E=Customer receiving supply from ESCO U=Customer receiving supply from Utility	AN(1/30)	Required	When REF*0N is being sent, this element is required.
154	Reference Identification (Industrial Classification Code)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Industrial Classification Code for the account being reported in this PTD loop.	IJ	ID(2/3)	Conditional	When PTD*FG is being sent, this element is required if available in the utility's system.
155	Reference Identification (Industrial Classification Code)	PTD Loop	REF	DTL	030	02	Reference Identification	Industrial Classification Code for the account being reported in this PTD loop.		AN(1/30)	Required	When REF*IJ is being sent, this element is required.
156	Reference Identification (Industrial Classification Code)	PTD Loop	REF	DTL	030	03	Description	Code indicating whether REF02 contains the SIC or the NAISC Code.	NAISC=REF02 contains NAISC Code SIC=REF02 contains SIC Code	AN(1/80)	Required	When REF*IJ is being sent, this element is required.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
157	Reference Identification (Utility Tax Exempt Status)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility Tax Exempt Status for the account requested.	TX	ID(2/3)	Conditional	When PTD*FG is being sent, this element is required.
158	Reference Identification (Utility Tax Exempt Status)	PTD Loop	REF	DTL	030	02	Reference Identification	**Code indicating the Utility's Tax Exempt Status at the time the transaction was created for the account requested.**	N=No Exemption, the customer is fully taxed for distribution charges. Y=Yes, the customer has some level of tax exemption for distribution charges.	AN(1/30)	Required	When REF*TX is being sent, this element is required.
159	Reference Identification (Account Settlement Indicator)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Account Settlement Indicator for the account requested.	TDT	ID(2/3)	Conditional	When PTD*FG is being sent, this element is required when the service being requested is Electric.
160	Reference Identification (Account Settlement Indicator)	PTD Loop	REF	DTL	030	02	Reference Identification	Code indicating how the usage is settled with NYISO for the account requested.	C=Class Shape H=Hourly M=Mixed	AN(1/30)	Required	When REF*TDT is being sent, this element is required.
161	Reference Identification (NYPA/ReCharge New York)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the NYPA/ReCharge New York Indicator for the account requested.	YP	ID(2/3)	Conditional	When PTD*FG is being sent, this element is required when the service being requested is Electric and the information is available in the utility's system.
162	Reference Identification (NYPA/ReCharge New York)	PTD Loop	REF	DTL	030	02	Reference Identification	Code indicating whether the account requested participates in the NYPA/ReCharge New York Program.	N=No, the customer does not participate in the program Y=Yes, the customer does participate in the program	AN(1/30)	Required	When REF*YP is being sent, this element is required.
163	Reference Identification (Utility Discount)	PTD Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility Discount Indicator for the account requested.	SG	ID(2/3)	Conditional	When PTD*FG is being sent, this element is required when the service being requested is Electric and the information is available in the utility's system.
164	Reference Identification (Utility Discount)	PTD Loop	REF	DTL	030	02	Reference Identification	Code indicating whether the account requested receives a Discount or Incentive Rate from the Utility.	N=No, there are no Utility Discounts/Incentive Rates Y=Yes, there are Utility Discounts/Incentive Rates program	AN(1/30)	Required	When REF*SG is being sent, this element is required.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Response	Comments
165	Quantity (ICAP)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 represents the ICAP Tag.	KZ	ID 2/2	Conditional	This segment is required when the service being requested is Electric and the information is available in the utility's system.
166	Quantity (ICAP)	QTY Loop	QTY	DTL	110	02	Quantity	ICAP Tag value		R 1/15	Required	When QTY*KZ is sent this element is required.
167	Quantity (ICAP)	QTY Loop	QTY	DTL	110	03	Unit or Basis for Measurement Code	Identifies the unit of measurement associated with the data sent in QTY02.	K1=Kilowatt Demand	ID 2/2	Required	When QTY*KZ is sent this element is required. K1 is the only valid value for this element in this QTY segment within this PTD loop.
168	Quantity (Number of Meters)	QTY Loop	QTY	DTL	110	01	Quantity Qualifier	Code indicating that the data in QTY02 represents the Number of Meters of the account	9N	ID 2/2	Conditional	The QTY*9N loop is not required when consumption is being reported on an account basis or when a gas profile is being provided.
169	Quantity (Number of Meters)	QTY Loop	QTY	DTL	110	02	Quantity	Number of Meters		R 1/15	Required	When QTY*9N is sent this element is required.
170	Reference Identification (Meter Number)	QTY Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility assigned meter number for the service point being reported in this PTD loop.	MG	ID 2/3	Required	When QTY*9N is being sent, this element is required.
171	Reference Identification (Meter Number)	QTY Loop	REF	DTL	030	02	Reference Identification	Utility assigned Meter Number or "UNMETERED" for unmetered service points.	Meter #	AN(1/30)	Required	When REF*MG is being sent, this element is required.
172	Transaction Set Trailer	None	SE	DTL	180	01	Number of Included Segments	Number of segments in this transaction.	#	NO 1/10	Required	
~~1501~~ 73	Transaction Set Trailer	None	SE	DTL	180	02	Transaction Set Control Number		ST02	AN(4/9)	Required	Refer to examples at the back of the 867HU Implementation Guide.