Case 98-M-0667
Supplement F

Electronic Data Exchange Standards for Energy Deregulation in New York

814 Change (Account Maintenance)

Data Dictionary

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~~July 24~~January 29, ~~2015~~2016
Version 1.~~7~~8

		Summary of Changes
July 20, 2001		**Initial Release**
April 16, 2002		**Version 1.1 Released**
		Implementation Guide (Changes Did Not Affect Data Dictionary)
August 7, 2002		**Version 1.2 Issued**
		Inserted new REF*AJ segment (Utility Account Number for ESCO/Marketer) Modified the REF03 element note for the REF*65 segment to clarify the use attribute for this element. Renumbered lines and adjusted line references in the 'Comments' column.
March 17, 2004		**Version 1.3 Issued**
		Added AMT*9M and AMT*9N segments to enable ESCOs to transmit customer's tax rate information when the bill option requested is Utility Rate Ready consolidated billing and the Utility requires ESCOs to provide this data in an Enrollment transaction. When different tax rates are applicable to portions of the customers service it will be necessary to send both the AMT*9M (residential tax rate applicable to a portion of the service) and the AMT*9N segment (commercial tax rate applicable) when a REF*RP segment is present in a Request transaction. Coding for the REF*GC (Gas Capacity Assignment/Obligation) has been corrected (from Yes/No to Y/N) to be consistent with the coding for the same segment in the Enrollment Standard. Corrected the segment notes for the NM1 Loop to indicate that transmitting an NM1 Loop in a Response transaction is 'Optional' rather than "Not Used'.
May 17, 2006		**Version 1.4 Issued**
		References to Niagara Mohawk or NMPC throughout the document are revised to refer to National Grid. References to RG&E's use of the Single Retailer Model have been deleted. This model is no longer offered in Rochester's service territory. A PER segment is added to the N1 (Customer) Loop (N101=8R) to enable parties to communicate changes in a customer's telephone number where the telephone number was initially sent in an Enrollment Accept Response transaction in an N1 (Customer) Loop. The N1*8R (Customer) segment note is revised to reflect the addition of a PER segment in the N1 (Customer) Loop. The REF*11 (ESCO/Marketer Customer Account Number) segment note is changed to indicate that this segment must be sent when the Utility is the bill presenter and there is a change in the account number.

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		Version 1.4 Continued
		A REF03 element is added to the REF*12 segment (Utility Account Number) for use in Change Requests sent to, or received from, Orange & Rockland Utilities when the reported change pertains to the un-metered portion of a customer's electric service when both metered and un-metered service are present on the same account. The REF*AJ (Utility Assigned Account Number for ESCO/Marketer) segment note is revised to indicate that this segment is Not Used in a Response transaction. A REF*LF (E/M Late Fees) segment is added at the account level to enable E/Ms to communicate a change in late fee policies for customers receiving a Rate Ready consolidated bill from National Fuel Gas. An AMT*B5 (E/M Budget Plan Installment Amount) segment is added for use in National Fuel Gas service territory. The AMT*B5 segment is used in that service territory to communicate a change in the customers budget plan installment amount for E/M charges when the bill option is Rate Ready consolidated billing and the payment option is Pay-As-You-Get-Paid. Additional codes were added to the REF*TD (Reason for Change – Account Level) segment to accommodate the new segments (PERIC, REFLF and AMTB5). The segment notes for the LIN and REF*TD segments were revised to clarify the number of changes that may be sent in a LIN Loop at the Header and Detail levels. The REF*RB (ESCO Rate Code) segment notes and use attribute are revised to indicate that this segment may be echoed back in transactions responding to requests for rate code changes for an ESCO Referral Program account. Renumbered lines and adjusted line references in the 'Comments' column.
October 23, 2014		**Version 1.5**
		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.
		New Change Reason Codes added at the account level and new segments from Case No. 12-M-0476: REFIJ – Change Industrial Classification Code REFSG – Change Utility Discount Indicator REFTDT – Change Account Settlement Indicator REFTX – Change Tax Exempt Status REFYP – Change NYPA Discount Indicator DTM*AB2 (ICAP Effective Dates)

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		Version 1.5 Continued
		Adding AMT03 field to the AMT*KZ segment to accommodate the ICAP Special Program Indicator Code.
April 7, 2015		**Version 1.6**
		• Changes permitting a rate ready utility to receive a bill credit from an ESCO to be provided to an Assistance Program Participant. • Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary. • Rows renumbered, as appropriate with corresponding adjustments to Comments, as necessary.
July 24, 2015		**Version 1.7**
		• Changes permitting ESCOs and Utilities to send email and facsimile info in the PER segment. • Changes permitting Utilities to send forwarding address info. • Rows renumbered, as appropriate with corresponding adjustments to Comments, as necessary. • Corrected acronym for North American Industry Classification System.
January 29, 2016		**Version 1.8**
		• Modification to notes for DTM*007 (Effective Date of Change) Segment to show ICAP Tag changes as an exception • Modification to notes for DTM*AB2 (ICAP Effective Date) Segment to show the conditional requirement when ICAP data is sent. • Modification to notes for REF*GC (Gas Capacity Assignment/Obligation) Segment to correspond to Orders issued in Case No. 07-G-0299.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
1	Transaction Set Header	None	ST	HDR	010	01	Transaction Set Identifier Code	Indicates Type of transaction	814	ID(3/3)	Required	Required	
2	Transaction Set Header	None	ST	HDR	010	02	Transaction Set Control Number	Unique number generated by senders system	ID#	AN(4/9)	Required	Required	
3	Beginning Segment	None	BGN	HDR	020	01	Transaction Set Purpose Code	Purpose of transaction	Request =13 Response =11	ID(2/2)	Required	Required	
4	Beginning Segment	None	BGN	HDR	020	02	Reference Identification	Unique and permanent ID for this transaction	ID#	AN(1/30)	Required	Required	
5	Beginning Segment	None	BGN	HDR	020	03	Date	Date transaction was created in senders system	CCYYMMDD	DT(8/8)	Required	Required	
6	Beginning Segment	None	BGN	HDR	020	06	Reference Identification	If BGN01=11, this element is the BGN02 from the original transaction	ID#	AN(1/30)	Not Used	Conditional	This element is required on Response transactions.
7	Name (ESCO)	N1 Loop	N1	HDR	040	01	Entity Identifier Code	Code identifying the ESCO in this transaction	SJ	ID(2/3)	Required	Required	
8	Name (ESCO)	N1 Loop	N1	HDR	040	02	Name	literal name of the ESCO	free form text	AN(1/60)	Optional	Optional	ESCO name is not necessary but may be provided by mutual agreement of the trading partners.
9	Name (ESCO)	N1 Loop	N1	HDR	040	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	Required	
10	Name (ESCO)	N1 Loop	N1	HDR	040	04	Identification Code	ID number for ESCO	ID#	AN(2/80)	Required	Required	
11	Name (Utility)	N1 Loop	N1	HDR	040	01	Entity Identifier Code	Code identifying the utility in this transaction	8S	ID(2/3)	Required	Required	
12	Name (Utility)	N1 Loop	N1	HDR	040	02	Name	Literal name of the Utility in this transaction	free form text	AN(1/60)	Optional	Optional	Utility name is not necessary but may be provided by mutual agreement of the trading partners.
13	Name (Utility)	N1 Loop	N1	HDR	040	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	Required	
14	Name (Utility)	N1 Loop	N1	HDR	040	04	Identification Code	ID number for Utility	ID#	AN(2/80)	Required	Required	
15	Name (Customer)	N1 Loop	N1	HDR	040	01	Entity Identifier Code	Code identifying the customer in this transaction	8R	ID(2/3)	Conditional	Not used	This segment must be sent in a Request when a change in customer name (Utility or ESCO) or service address (Utility) or customer telephone number (Utility or ESCO) is being reported.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
16	Name (Customer)	N1 Loop	N1	HDR	040	02	Name	Literal name of the customer in this transaction	Text or the literal "NAME"	AN(1/60)	Required	Not used	When an N1*8R segment is sent, this element is required. When the Utility reports a service address change, the Request transaction must contain either the actual customer name or the literal 'NAME' in the N102 element of this segment. If either the Utility or ESCO is reporting a change in the customer's name the N102 element must contain the new name.
17	Address Information (Service Address)	N1 Loop	N3	HDR	060	01	Address Information	Customer Service Address - Street	Text	AN(1/55)	Conditional	Not used	The N3 segment is sent when the Utility is reporting a change in the customer service address - street.
18	Address Information (Service Address)	N1 Loop	N3	HDR	060	02	Address Information (overflow)	If N301 exceeds 55 characters, the overflow is sent in N302	Text	AN(1/55)	Conditional	Not used	When a change in customer service address - street is being reported this element is used for the overflow when the street address exceeds 55 characters.
19	Geographic Location (Service Address)	N1 Loop	N4	HDR	070	01	City Name	Customer Service Address - City Name	Text	AN(2/30)	Conditional	Not used	This segment must be sent when the Utility is reporting a change in service address.
20	Geographic Location (Service Address)	N1 Loop	N4	HDR	070	02	State or Province Code	Customer Address - State Name	Text	ID(2/2)	Required	Not used	When an N4 segment is being sent, this element is required.
21	Geographic Location (Service Address)	N1 Loop	N4	HDR	070	03	Postal Code	Customer Address-zipcode	Text	ID(3/15)	Required	Not used	When an N4 segment is being sent, this element is required.
22	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	01	Contact Function Code	Code indicating customer's contact info is being transmitted.	IC	ID(2/2)	Conditional	Not used	This segment may be sent by either the Utility or ESCO to provide, or to update, a customer's contact info. If the contact information was initially provided in an N1 (Customer) Loop (an N1*8R segment) then the change should be reported in the same Loop in a Change Request transaction. An N1*8R segment must be present in addition to the PER segment for this change.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
23	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	03		Code indicating the type of contact info being provided in PER04	EM – Email Address FX - Facsimile TE - Telephone	ID(2/2)	Required	Not used	When a PER*IC segment is being sent, this element is required.
24	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	04	Communications Identifier	Customer's Email Address, Facsimile Number or Telephone Number	Free text	AN(1/80)	Required	Not Used	When a PER*IC segment is being sent, this element is required.
25	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	05		Code indicating the type of contact info being provided in PER06	EM – Email Address FX - Facsimile TE - Telephone	ID(2/2)	Optional	Not used	When a PER*IC segment is being sent, this element is optional.
26	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	06	Communications Identifier	Customer's Email Address, Facsimile Number or Telephone Number	Free text	AN(1/80)	Conditional	Not Used	When a PER05 is sent, this element is required.
27	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	07		Code indicating the type of contact info being provided in PER08	EM – Email Address FX - Facsimile TE - Telephone	ID(2/2)	Optional	Not used	When a PER*IC segment is being sent, this element is optional.
28	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	08	Communications Identifier	Customer's Email Address, Facsimile Number or Telephone Number	Free text	AN(1/80)	Conditional	Not Used	When a PER07 is sent, this element is required.
29	Name (Name for Mailing)	N1 Loop	N1	HDR	040	01	Entity Identifier Code	Code indicating that the address information in N3/N4 is the customer's mailing address for billing	BT	ID(2/3)	Conditional	Conditional	This segment must be sent by either the Utility or the ESCO when the customer receives a consolidated bill and the name associated with the mailing address and/or the mailing address has changed. This segment must also be sent by ESCO to report a change in the customer's telephone number. This segment may be sent by the Utility when responding to an ESCO APP Credit Request to provide a forwarding address when the customer has moved out of their service territory.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
30	Name (Name for Mailing)	N1 Loop	N1	HDR	040	02	Name	Name associated with the mailing address	Text or the literal 'NAME'	AN(1/60)	Required	Required	When an N1*BT segment is being sent, this element is required. When a change in the name associated with the billing address is being reported, this element should contain the new name. If the name for mailing is unchanged but a new address is being reported, this element may contain either the actual name associated with the mailing address or the literal "NAME" at the discretion of the sender.
31	Address Information (Mailing Address)	N1 Loop	N3	HDR	060	01	Address Information	Customer's mailing address - Street.	Text	AN(1/55)	Conditional	Conditional	Refer to the implementation guide for the conditions associated with the N3 segment. If specified in a Utility Maintained EDI guide, this element may contain additional data.
32	Address Information (Mailing Address)	N1 Loop	N3	HDR	060	02	Address Information	If N301 exceeds 55 characters, the overflow is sent in N302	Text	AN(1/55)	Conditional	Conditional	Refer to the implementation guide for the conditions associated with the N3 segment. The N302 element may be required if the mailing address - street exceeds 55 characters. This element may contain additional data when a utility that elects the practice in its Utility Maintained EDI Guide is the initiator of the Request transaction.
33	Geographic Location (Mailing Address)	N1 Loop	N4	HDR	070	01	City Name	Customer Mailing Address - City Name	Text	AN(2/30)	Conditional	Conditional	Refer to the implementation guide for the conditions associated with the N4 segment.
34	Geographic Location (Mailing Address)	N1 Loop	N4	HDR	070	02	State or Province Code	Customer Mailing Address - State Name	Text	ID(2/2)	Conditional	Conditional	Refer to the implementation guide for the conditions associated with the N4 segment and the conditions associated with the N402 element.
35	Geographic Location (Mailing Address)	N1 Loop	N4	HDR	070	03	Postal Code	Customer Mailing Address - zip code	Text	ID(3/15)	Conditional	Conditional	Refer to the implementation guide for the conditions associated with the N4 segment and the conditions associated with the N403 element.
36	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	01	Contact Function Code	Code indicating customer's contact info is being transmitted.	IC	ID(2/2)	Conditional	Not used	This segment should be sent in conjunction with an N1*BT segment when there has been a change in the customer's telephone number.
37	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	03		Code indicating the type of contact info being provided in PER04	TE - Telephone	ID(2/2)	Required	Not used	When a PER*IC segment is being sent, this element is required.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
38	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	080	04	Communications Identifier	Customer's Telephone Number	Free text	AN(1/80)	Required	Not Used	When a PER*IC segment is being sent, this element is required.
39	Item Identification	LIN Loop	LIN	DTL	010	01	Assigned Identification	Unique identifier assigned to this LIN request	Unique ID for each LIN request generated by the sender	AN(1/20)	Required	Required	All segments in a Change Request or Response transaction must pertain to the same account number and commodity (electric or gas). A single Change transaction may be used to request or respond to multiple changes on an account for the commodity specified. It is necessary to transmit each change segment in the header section in a separate LIN loop; changes at the NM1 (Detail level) may be grouped by meter number or ALL or Un-Metered in one LIN loop. The LIN01 identifier identifying the response to a request must be the same identifier sent in the request transaction (refer to sample transactions in the IG). For more detailed instructions regarding LIN looping structure please refer to the Front Matter notes in the 814 Change Implementation Guide.
40	Item Identification	LIN Loop	LIN	DTL	010	02	Product/Service ID Qualifier	Indicates a service is being requested	SH	ID(2/2)	Required	Required	
41	Item Identification	LIN Loop	LIN	DTL	010	03	Product/Service ID	Commodity Type	EL or GAS	AN(1/48)	Required	Required	Only one commodity (Electric or Gas) may be reported in each 814 Change transaction.
42	Item Identification	LIN Loop	LIN	DTL	010	04	Product/Service ID Qualifier	Indicates a service is being requested	SH	ID(2/2)	Required	Required	
43	Item Identification	LIN Loop	LIN	DTL	010	05	Product/Service ID	Indicates the change reported pertains to the enrollment for energy services.	CE	AN(1/48)	Required	Required	The CE code is generally associated with enrollment for energy services. The ASI02 element contains the code (001) indicating this is a Change transaction.
44	Action or Status Indicator	LIN Loop	ASI	DTL	020	01	Action Code	Code indicating the action or status of the LIN request.	7=Request U=Reject WQ=Accept	ID(1/2)	Required	Required	
45	Action or Status Indicator	LIN Loop	ASI	DTL	020	02	Maintenance Type Code	Code indicating that this 814 transaction is a Change transaction.	001=Change	ID(3/3)	Required	Required	

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
46	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains a reject reason	7G	ID(2/3)	Not Used	Conditional	This segment is used on Reject Response transactions to indicate the reason a change request has been rejected.
47	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	030	02	Reference Identification	Code corresponding to the reason for a rejection	see list of codes in IG	AN(1/30)	Not Used	Required	When a REF*7G segment is sent, this element is required. Refer to the IG for code definitions.
48	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	030	03	Reference Identification	Text supplied to provide further clarification when REF02 = A13 or API	Text	AN(1/80)	Not Used	Conditional	When REF02 in this segment is A13 (Other) or API (Required Information Missing) this element is required to clarify the reason for the rejection.
49	Reference Identification (Reason for Change - Account Level)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Reason for change	TD	ID(2/3)	Conditional	Optional	The REF*TD segments contain codes that identify the data segment(s) that contain the data that has, or will be, changed. The first occurrence of the REF*TD (at position 030) is used to identify the data segment(s) at the account level that are being changed. The REF*TD at position 130 is used to identify the data segment(s) at the meter level that are being changed The REF*TD segments may be echoed back on Response transactions at the option of the sender.
50	Reference Identification (Reason for Change - Account Level)	LIN Loop	REF	DTL	030	02	Reference Identification	Code which describes the change identified in the LIN loop.	see list of codes in IG	AN(1/30)	Required	Required	Required when a REF*TD segment is sent. The first portion of the code identifies the segment (e.g. AMT, DTM, N1, REF, etc.) that contains the data that has been, or will be, changed. The remaining portion of the code identifies the relevant code qualifier (e.g. for AMT segments the qualifiers would be "DP", "FW", etc.) for the data that has been changed. The changed data will be sent in the appropriate element of the identified segment. See Implementation Guide for examples.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
51	Reference Identification (ESCO Customer Account Number)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that the REF02 element contains the ESCO assigned account number for the customer	11	ID(2/3)	Conditional	Conditional	This segment must be sent by the ESCO when the Utility is the bill presenter and the ESCO account number for the customer is being changed. This segment may be echoed back in a Response transaction at the option of the Utility.
52	Reference Identification (ESCO Customer Account Number)	LIN Loop	REF	DTL	030	02	Reference Identification	Customer's account number	Account #	AN(1/30)	Required	Required	When a REF*11 is being sent this element is required. This is the new account number for the customer assigned by the ESCO.
53	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that the REF02 element contains the Utility assigned account number for the customer	12	ID(2/3)	Required	Required	The Utility account number assigned to the customer is used for validation and must be present on all transactions. The Utility is required to report a change in the customer's account number. The new/current account number is sent in the REF*12 segment of the Request transaction and the prior account number is sent in the REF*45 segment. The Response transaction must contain the new account number in the REF*12 segment.
54	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	030	02	Reference Identification	Customer's account number	Account #	AN(1/30)	Required	Required	When a REF*12 is sent, this element is required.
55	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	030	03	Description	Un-metered service designator (electric accounts only)	U	AN(1/80)	Conditional	Conditional	For utilities that support the practice of responding to requests pertaining specifically to the un-metered portion of accounts, this element is only sent in Requests to, or provided in Responses from, the utility when the change being reported pertains to the un-metered service on an electric account that includes both metered and un-metered service. When the Request pertains to all service on an electric account this element is not used. The Response transaction will contain this element if present in the Request transaction.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
56	Reference Identification (Previous Utility Account Number)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility's previous account number for the customer	45	ID(2/3)	Conditional	Not used	This segment must be sent by the Utility when a customer's account number has changed.
57	Reference Identification (Previous Utility Account Number)	LIN Loop	REF	DTL	030	02	Reference Identification	Customer's old account number	Account #	AN(1/30)	Required	Not used	When a REF*45 segment is sent, this element is required.
58	Reference Identification (Utility Account Number for ESCO)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains a Utility assigned account number for the ESCO.	AJ	ID(2/3)	Conditional	Conditional	An account number assigned to the ESCO by the Utility may be provided by mutual agreement of the trading partners.
59	Reference Identification (Utility Account Number for ESCO)	LIN Loop	REF	DTL	030	02	Reference Identification	Utility account number for the ESCO	Account #	AN(1/30)	Required	Required	When a REF*AJ is being sent, this element is required.
60	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the meter cycle code for the account being enrolled.	65	ID(2/3)	Conditional	Not used	This segment is sent by the Utility when there is a change in the customer's meter read cycle or there is a change in the frequency of the meter reads on a cycle. The code sent can be used to obtain the meter reading cycle date from the Utility's web site.
61	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	030	02	Reference Identification		Meter reading cycle code	AN(1/30)	Required	Not used	When a REF*65 segment is sent this element is required.
62	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	030	03	Description	Description of the normal reporting period covered by usage data to be sent on the 867.	MON, BIM, or QTR	AN(1/80)	Conditional	Not used	The REF03 should be sent when the data in REF02 is insufficient for the recipient to determine the reporting period associated with a service end point.
63	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that the data contained in REF02/03 describes the bill cycle for the customer being enrolled	BF	ID(2/3)	Required	Not used	This segment will be sent by the Utility when there is a change in the customer's billing cycle or a change in the frequency of billing on a cycle.
64	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	030	02	Reference Identification	An alphanumeric code used to obtain data on a customer's bill cycle.		AN(1/30)	Required	Not used	Bill cycle codes may be used to reference data on a Utility web site regarding the customer's billing cycle.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
65	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	030	03	Description	Text indicating how frequently the customer is billed.	MON, BIM, QTR	AN(1/80)	Conditional	Not used	This element should be sent when the bill cycle has changed and bill frequency data is not made available on the Utility web site.
66	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating REF02 identifies the bill presenter	BLT	ID(2/3)	Conditional	Not used	This segment will be sent by Utilities or ESCOs to indicate a change in bill presenter status. This segment is not used in the Single Retailer Model. It may be necessary to send other data segments when requesting a change in either bill presenter or bill calculator. See the Front Matter notes in the Implementation Guide for further instructions.
67	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	030	02	Reference Identification	Code indicating the customer's bill presenter arrangements	DUAL, ESP, or LDC	AN(1/30)	Required	Not used	When a REF*BLT segment is sent, this element is required.
68	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	030	03	Description	If REF02=ESP and NY Billing Agency Model will be used, REF03 must contain the literal "AGENT"	text = AGENT	AN(1/80)	Conditional	Not used	This element is required when REF02 = ESP AND the Billing Agency Model is being used. Refer to the NY Uniform Business Rules for a description of the Billing Agency requirements.
69	Reference Identification (Bill Calculator)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating REF02 identifies the bill calculator	PC	ID(2/3)	Conditional	Not used	This segment is sent by Utilities or ESCOs to indicate a change in bill calculator. This segment is not used in the Single Retailer Model. It may be necessary to send other data segments when requesting a change in either bill presenter or bill calculator. See the Front Matter notes in the Implementation Guide for further instructions.
70	Reference Identification (Bill Calculator)	LIN Loop	REF	DTL	030	02	Reference Identification	Each party calculates their own charges or Utility is the bill calculator	DUAL or LDC	AN(1/30)	Required	Not used	When a REF*PC segment is being sent, this element is required.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
71	Reference Identification (Current Budget Billing Status)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating this segment contains data on the customer's budget billing status.	NR	ID(2/3)	Conditional	Not used	This segment is sent when the customer receives a consolidated bill and the customer's budget plan status with the initiator of the Request transaction is, or will be, changing. Changes in budget bill status are only applicable where the billing party has agreed to calculate budget bill amounts for the non-billing party.
72	Reference Identification (Current Budget Billing Status)	LIN Loop	REF	DTL	030	02	Reference Identification	Code indicating that the customer is, or is not, on a budget plan for the sender's charges.	Y or N	AN(1/30)	Required	Not used	When a REF*NR segment is being sent, this element is required.
73	Reference Identification (ESCO Late Fees)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 indicates a change in the ESCOs late fee policy when the bill option is utility consolidated billing and the payment option is Pay-As-You-Get-Paid.	LF	ID(2/3)	Conditional	Conditional	This segment is sent when a change in the ESCOs late fee policy is being reported. This segment is only applicable to Utility Rate Ready consolidated billing with Pay-As-You-Get-Paid. A utility that elects the practice in its Utility Maintained EDI Guide may return this segment in a response transaction.
74	Reference Identification (ESCO Late Fees)	LIN Loop	REF	DTL	030	02	Reference Identification	Late fees will/will not be assessed by the Billing Party on ESCO past due amounts.	N2,Y2	AN(1/30)	Required	Required	This element is required when a REF*LF segment is being sent.
75	Reference Identification (Partial Participation Portion)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating the segment contains data on the load to be supplied by the ESCO for partial requirements customers.	PGC	ID(2/3)	Conditional	Not used	A partial requirements customer of a Utility may elect to change the portion of load served by an ESCO and may notify either the Utility or the ESCO. This segment is then sent to report the change to the other party.
76	Reference Identification (Partial Participation Portion)	LIN Loop	REF	DTL	030	02	Reference Identification	ESCO will serve base load or total load.	B (base) or T (total)	AN(1/30)	Required	Not used	When a REF*PGC is sent, this element is required.
77	Reference Identification (Customer on Life Support)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating the customer's use of life support equipment.	SU	ID(2/3)	Conditional	Not used	Under the Single Retailer Model, the ESCO is required to send a change request when the customer's life support status changes.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
78	Reference Identification (Customer on Life Support)	LIN Loop	REF	DTL	030	02	Reference Identification	Indicates whether life support equipment is required or not required	N= Life support not required Y=Life support required	AN(1/30)	Required	Not used	When a REF*SU is being sent, this element is required.
79	Reference Identification (Gas Pool ID)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating REF02 contains the customer's gas pool id.	VI	ID(2/3)	Conditional	Not used	GAS ONLY. Sent on a Request by the ESCO to indicate the customer has been moved from one gas pool to another.
80	Reference Identification (Gas Pool ID)	LIN Loop	REF	DTL	030	02	Reference Identification	The pool id	ID#	AN(1/30)	Required	Not used	When a REF*VI is being sent, this element is required to indicate the new pool id.
81	Reference Identification (Gas Capacity Assignment/Obligation)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF 02 contains data describing gas capacity arrangements for the customer.	GC	ID(2/3)	Conditional	Not used	GAS ONLY. This segment is provided to the ESCO by the Utility and used to convey a change in the intended or obligated pipeline capacity requirements necessary to meet the needs of the end use customer as described in its Utility Maintained EDI Guide.~~This segment may be sent by either the Utility or ESCO (where supported) to indicate a change in the customers gas capacity arrangements. Changes in capacity arrangements may only be sent during the non-heating season.~~
82	Reference Identification (Gas Capacity Assignment/Obligation)	LIN Loop	REF	DTL	030	02	Reference Identification	Text indicating new capacity arrangement	Y or N	AN(1/30)	Required	Not used	When a REF*GC is being sent, this element is required. Please refer to the 814 Change Implementation Guide for the definition of Y and N.
83	Reference Identification (ISO Location Based Marginal Pricing Zones)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating the ISO LBMP zone for the customer.	SPL	ID(2/3)	Conditional	Not used	ELECTRIC ONLY. Sent by the Utility to report a change in the customer's LBMP zone.
84	Reference Identification (ISO Location Based Marginal Pricing Zones)	LIN Loop	REF	DTL	030	02	Reference Identification	Code indicating the ISO LBMP zone in which the customer resides.	refer to codes listed in IG	AN(1/30)	Required	Not used	When a REF*SPL segment is sent, this element is required.

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85	Reference Identification (Portion Taxed Residential)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating the data in REF 02 describes the percent of a non-residential account that is taxed at a residential rate.	RP	ID(2/3)	Conditional	Not used	Where a utility that elects the practice in its Utility Maintained EDI Guide, this segment must be sent to the utility when the bill option is Utility Rate Ready consolidated billing and there has been a change in the portion of the non-residential account that is taxed at a residential rate (see also the notes on the AMT*DP segment).

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
86	Reference Identification (Portion Taxed Residential)	LIN Loop	REF	DTL	030	02	Reference Identification		refer to codes listed in IG	AN(1/30)	Required	Not used	When a REF*RP is being sent, this element is required.
87	Reference Identification (Account Settlement Indicator)	LIN 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	Not used	ELECTRIC ONLY. Sent by the Utility to report a change in the customer's Account Settlement.
88	Reference Identification (Account Settlement Indicator)	LIN Loop	REF	DTL	030	02	Reference Identification	Code indicating how the usage is settled with NYISO for the account requested.	C=Class Load Shape H=Hourly M=Mixed	AN(1/30)	Required	Not used	When REF*TDT is being sent, this element is required.
89	Reference Identification (NYPA Discount Indicator)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the NYPA Discount Indicator for the account requested.	YP	ID(2/3)	Optional	Not used	ELECTRIC ONLY. Sent by the Utility to report a change in the customer's NYPA Discount program status.
90	Reference Identification (NYPA Discount Indicator)	LIN Loop	REF	DTL	030	02	Reference Identification	Code indicating whether the account requested participates in the NYPA Discount Program.	N=No, the customer does not participate in the program Y=Yes, the customer does participate in the program	AN(1/30)	Required	Not used	When REF*YP is being sent, this element is required.
91	Reference Identification (Utility Discount Indicator)	LIN 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	Not used	Sent by the Utility to report a change in the customer's Utility Discount status.
92	Reference Identification (Utility Discount Indicator)	LIN 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	Not used	When REF*SG is being sent, this element is required.
93	Reference Identification (Industrial Classification Code)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Industrial Classification Code for the account.	IJ	ID(2/3)	Conditional	Not used	Sent by the Utility to report a change in the customer's SIC or NAICS Code.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
94	Reference Identification (Industrial Classification Code)	LIN Loop	REF	DTL	030	02	Reference Identification	The Industrial Classification Code for the account.		AN(1/30)	Required	Not used	When REF*IJ is being sent, this element is required.
95	Reference Identification (Industrial Classification Code)	LIN Loop	REF	DTL	030	03	Description	Code indicating whether REF02 contains the SIC or the NAICS Code.	NAICS=REF02 contains NAICS Code SIC=REF02 contains SIC Code	AN(1/80)	Required	Not used	When REF*IJ is being sent, this element is required.
96	Reference Identification (Utility Tax Exempt Status)	LIN 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	Not used	Sent by the Utility to report a change in the customer's Tax Exempt Status.
97	Reference Identification (Utility Tax Exempt Status)	LIN 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	Not used	When REF*TX is being sent, this element is required.
98	Date/Time Reference (Effective Date of Change)	LIN Loop	DTM	DTL	040	01	Date/Time Qualifier	Code indicating segment contains effective date of change	007	ID(3/3)	Conditional	Conditional	Required on all Utility initiated requests (except for changes to ICAP Tags, Assigned Service Start or Assigned Service End Date). Required on the Utility Response to an ESCO request for a change in a customer's billing option. Required on requests from Single Retailer marketers when an address change is being reported. This segment should also be sent on ESCO Request transactions when a change in ESCO Commodity Price, Fixed Charge or Rate Code is being requested AND the Utility has agreed to process rate or price changes on a date other than the regularly scheduled bill cycle date.
99	Date/Time Reference (Effective Date of Change)	LIN Loop	DTM	DTL	040	02	Date		CCYYMMDD	DT(8/8)	Required	Required	When a DTM*007 segment is sent, this element is required.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
100	Date/Time Reference (Assigned Service Start Date)	LIN Loop	DTM	DTL	040	01	Date/Time Qualifier	Code indicating this segment contains the assigned service start date	150	ID(3/3)	Conditional	Not used	This segment is used by the Utility to report a change in the effective date of the customer's enrollment and will only be sent during the period an enrollment is pending for the customer.
101	Date/Time Reference (Assigned Service Start Date)	LIN Loop	DTM	DTL	040	02	Date		CCYYMMDD	DT(8/8)	Required	Not used	When a DTM*150 segment is being sent, this element is required.
102	Date/Time Reference (Assigned Service End Date)	LIN Loop	DTM	DTL	040	01	Date/Time Qualifier	Code indicating segment contains the assigned service end date	151	ID(3/3)	Conditional	Not used	This segment is sent by the Utility to report a change in the service end date when a drop is pending for the customer. It is required when the service end date varies from the estimated end date provided in the Drop transaction by more than three days.
103	Date/Time Reference (Assigned Service End Date)	LIN Loop	DTM	DTL	040	02	Date		CCYYMMDD	DT(8/8)	Required	Not used	When a DTM*151 segment is being sent, this element is required.
104	Date/Time Reference (ICAP Effective Dates)	PTD Loop	DTM	DTL	020	01	Date/Time Qualifier	Code indicating that this DTM segment identifies the effective dates associated with the ICAP data provided.	AB2	ID 3/3	~~Optional~~Conditional	Not used	The Utility should~~may~~ provide an effective date range when~~for the~~ ICAP data is sent~~in this transaction~~.
105	Date/Time Reference (ICAP Effective Dates)	PTD Loop	DTM	DTL	020	05	Date Time Period Format Qualifier	Code indicating that the value sent element 06 in this segment will be a range of Dates Expressed in Format CCYYMMDD-CCYYMMDD.	RD8	ID 2/3	Required	Not used	When a DTM*AB4 is being sent, this element is required.
106	Date/Time Reference (ICAP Effective Dates)	PTD Loop	DTM	DTL	020	06	Date Time Period	Period expressed in the format CCYYMMDD-CCYYMMDD		AN 1/35	Required	Not used	When a DTM*AB4 is being sent, this element is required.
107	Monetary Amount (Tax Exemption Percent)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating some or all of the ESCO service is exempt from state sales tax.	DP	ID(1/3)	Conditional	Not used	This segment pertains to a change in the state sales taxes applicable to the ESCOs service on the account. This segment should be sent by the ESCO when there is a change in the tax exemption status of the account and the Utility is the bill calculator. This segment is not used in the Single Retailer Model.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
108	Monetary Amount (Tax Exemption Percent)	LIN Loop	AMT	DTL	060	02	Monetary Amount	"1" = 100 percent (fully tax exempt); decimal numbers less than "1" represent percentages.	0.0000	R(1/18)	Required	Not used	When an AMT*DP segment is sent, this element is required. A "1" indicates the ESCO service on the account is fully tax exempt from state sales taxes. A "0" indicates the account is NOT exempt from state sales taxes.
109	Monetary Amount (ESCO Budget Plan Installment Amount)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that AMT02 contains the installment amount that should appear on the customer's consolidated bill for a budget plan negotiated with the ESCO.	B5	ID(1/3)	Conditional	Not used	Where a utility that elects the practice in its Utility Maintained EDI Guide, this segment is sent in ESCO Request transactions to change the monthly budget installment amount the customer is expected to pay under ESCO negotiated budget plans. It is only applicable when the bill option is rate ready consolidated billing and the payment option is Pay-As-You-Get-Paid.
110	Monetary Amount (ESCO Budget Plan Installment Amount)	LIN Loop	AMT	DTL	060	02	Monetary Amount	Budget Plan Installment Amount	Whole numbers of the form xxx or xx (e.g. 100 or 75)	R(1/18)	Required	Not used	When an AMT*B5 segment is sent this element is required.
111	Monetary Amount (ESCO Commodity Price)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that segment contains the ESCO commodity price	RJ	ID(1/3)	Conditional	Optional	This segment is sent by an ESCO to report a change in its commodity price when the bill option is Utility Rate Ready consolidated billing. The price change may be echoed back on the Utility Response transaction, at the option of the Utility, to confirm price changes. This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Commodity Price when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date. This segment is not used in the Single Retailer Model.
112	Monetary Amount (ESCO Commodity Price)	LIN Loop	AMT	DTL	060	02	Monetary Amount	Dollar amount	0.00	R(1/18)	Required	ptional	When an AMT*RJ is being sent, this element is required.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
113	Monetary Amount (ESCO Fixed Charge)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that segment contains the ESCO fixed charge per account	FW	ID(1/3)	Conditional	Not used	This segment is sent by an ESCO to report a change in its fixed charge per account when the bill option is Utility Rate Ready consolidated billing. This segment may be echoed back on the Utility Response transaction, at the option of the Utility, to confirm the change in the amount of the fixed charge on the account. This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Fixed Charge when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date. This segment is not used in the Single Retailer Model.
114	Monetary Amount (ESCO Fixed Charge)	LIN Loop	AMT	DTL	060	02	Monetary Amount	Dollar amount	0.00	R(1/18)	Required	Not used	When an AMT*FW is being sent, this element is required.
115	Monetary Amount (ICAP)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that segment contains the customer's ICAP tag.	KZ	ID(1/3)	Conditional	Not used	ELECTRIC ONLY. This segment will be sent to report a change in the customer's ICAP Tag.
116	Monetary Amount (ICAP)	LIN Loop	AMT	DTL	060	02	Monetary Amount	"1" = 100 percent; decimal numbers less than "1" represent percentages.	0.0000	R(1/18)	Required	Not used	ELECTRIC ONLY. When an AMT*KZ segment is being sent, this element is required.
117	Monetary Amount (ICAP)	LIN Loop	AMT	DTL	060	03	Special Program Adjustment Indicator	Code indicating if the ICAP tag has been adjusted for a Special Program.	D=No, there is no Special Program Adjustment Indicator related to the ICAP Tag. C=Yes, there is a Special Program Adjustment Indicator related to the ICAP Tag.	ID(1/1)	Optional	Not used	A general indicator not tied to any specific program.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
118	Monetary Amount (Customers Tax Rate for ESCO Charges - 1)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that AMT02 contains the tax rate that should be used by the utility to calculate tax amounts applicable to ESCOs charges either for all service on the account OR for the portion of the service that is taxed at a residential rate.	9M	ID(1/3)	Conditional	Optional	Utility Rate Ready billing only. This segment is sent by an ESCO to report a change in the customer's tax rate for all service on the account OR for the portion taxed at a residential rate when the applicable utility requires the ESCO to provide tax data via EDI. When portions of the customer's service are taxed at different rates (i.e. a REF*RP was sent in the Enrollment request), then it may be necessary to send both an AMT*9M and an AMT*9N (see below). This segment may be echoed back in the response transaction at the option of the utility.
119	Monetary Amount (Customers Tax Rate for ESCO Charges - 1)	LIN Loop	AMT	DTL	060	02	Monetary Amount	Decimal numbers less than "1".	0.0000	R(1/18)	Required	Required	When an AMT*9M segment is sent, this element is required. Since tax rate information is being sent, the AMT02 should <1.
120	Monetary Amount (Customers Tax Rate for ESCO Charges - 2)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that AMT02 contains the tax rate that should be used by the utility to calculate tax amounts applicable to ESCOs charges for the portion of the service that is taxed at a commercial rate.	9N	ID(1/3)	Conditional	Optional	Utility Rate Ready billing only. This segment is sent by an ESCO to report a change in the customer's tax rate for the portion of service taxed at a commercial rate when the applicable utility requires the ESCO to provide tax data via EDI. This segment is only applicable when a REF*RP was sent in the Enrollment request or split tax status was communicated in a prior change request. This segment may be echoed back in the response transaction at the option of the utility.
121	Monetary Amount (Customers Tax Rate for ESCO Charges - 2)	LIN Loop	AMT	DTL	060	02	Monetary Amount	Decimal numbers less than "1".	0.0000	R(1/18)	Required	Required	When an AMT*9N segment is sent, this element is required. Since tax rate information is being sent, the AMT02 should be <1.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
122	Monetary Amount (Assistance Program Participation Credit)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that AMT02 contains an Assistance Program Participation Credit that should be used by the utility to apply a one-time credit to the customer's bill. This credit will also be reflected in the URR 810 Invoice sent to the ESCO.	7	ID(1/3)	Conditional	Optional	Utility Rate Ready billing only. This segment must be sent by the ESCO when a credit is necessary to be included on a Rate Ready Consolidated customer bill. This segment would only be sent when the ESCO has charged the customer more than what the utility would have and the ESCO is required to provide a credit to the customer.
123	Monetary Amount (Assistance Program Participation Credit)	LIN Loop	AMT	DTL	060	02	Monetary Amount	Dollar amount	0.0000	R(1/18)	Required	Required	When an AMT*7 segment is sent, this element is required. Assistance Program Participation Credit shown as a positive amount.
124	Monetary Amount (Assistance Program Participation Credit)	LIN Loop	AMT	DTL	060	01	Amount Qualifier Code	Code indicating that segment contains an Assistance Program Participation Credit shown as a positive amount. For example, if the customer is owed a credit of $2.15, the ESCO would send AMT~7~2.15.	7	ID(1/3)	Conditional	Optional	This segment is sent by an ESCO to report an Assistance Program Participation Credit shown as a positive amount. For example, if the customer is owed a credit of $2.15, the ESCO would send AMT~7~2.15.
125	Monetary Amount (Assistance Program Participation Credit)	LIN Loop	AMT	DTL	060	02	Monetary Amount	Dollar amount	0.00	R(1/18)	Required	ptional	When an AMT*7 is being sent, this element is required.
126	Metered or UnMetered Service points	NM1 Loop	NM1	DTL	080	01	Entity Identifier Code	Codes used to describe an activity or a change in data associated with metered and/or unmetered service end points.	valid codes: MA, MQ, MR, MX	ID(2/3)	Conditional	Optional	An NM1 loop is used to report activity or changes in data associated with individual metered or unmetered service end points on an account and/or alternatively a change which pertains to all service end points on an account. This would include changes in the ESCO rate code for the account indicated in the Request transaction. Valid values for the Utility are: MA, MQ, MR and MX. The "MQ" code is the only valid value for an ESCO Request.
127	Metered or UnMetered Service points	NM1 Loop	NM1	DTL	080	02	Entity Type Qualifier	Required by X12	3	ID(1/1)	Required	Required	When an NM1 segment is sent, this element is required.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
128	Metered or UnMetered Service points	NM1 Loop	NM1	DTL	080	08	Identification Code Qualifier	Code 32 used to indicate that NM109 contains a meter number; Code 93 is used to indicate that NM109 is a literal.	32 or 93	ID(1/2)	Required	Required	When an NM1 segment is sent, this element is required.
129	Metered or UnMetered Service points	NM1 Loop	NM1	DTL	080	09	Identification Code		meter number or text 'ALL' or 'UNMETERED'	AN(2/80)	Required	Required	When an NM1 segment is sent, this element is required.
130	Reference Identification (Reason for Change - Meter Level)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code which describes the change identified in the NM1 loop.	TD	ID(2/3)	Conditional	Optional	The REF*TD at position 130 is used to identify which data segment(s) are being changed at the detail (or meter) level (see notes for the account-level REF*TD segment). A transaction may contain more than one REF*TD segment at this level. The REF*TD segments may be echoed back on Response transactions at the option of the sender.
131	Reference Identification (Reason for Change - Meter Level)	NM1 Loop	REF	DTL	130	02	Reference Identification	Code identifying the type of segment and segment qualifier for the data that has, or will be, changed.	see list of codes in IG	AN(1/30)	Required	Required	When a REF*TD segment is being sent at position 130, this element is required.
132	Reference Identification (Old Meter Number)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating Old Meter Number is being communicated	46	ID(2/3)	Conditional	Not used	This segment is used to report the old meter number when one meter is being exchanged for another. The new meter number is sent in element NM109.
133	Reference Identification (Old Meter Number)	NM1 Loop	REF	DTL	130	02	Reference Identification	Old Meter Number	Old Meter Number	AN(1/30)	Required	Not used	When a REF*46 is being sent, this element is required to report the OLD meter number.
134	Reference Identification (Utility Rate Service Class)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating REF02 contains the utility rate class	NH	ID(2/3)	Conditional	Not used	This segment is sent by the Utility when there has been a change in the customer's Utility rate service class.
135	Reference Identification (Utility Rate Service Class)	NM1 Loop	REF	DTL	130	02	Reference Identification	Utility rate service class	Text	AN(1/30)	Required	Not used	When a REF*NH is sent, this element is required. The data sent in REF02 may be used to retrieve rate information from a utility's web site.
136	Reference Identification (Utility Rate Sub Class)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating REF 02 contains the utility rate sub-class for the customer	PR	ID(2/3)	Conditional	Not used	This data segment will be sent by the Utility to communicate a change in the customer's Utility rate sub-class.
137	Reference Identification (Utility Rate Sub Class)	NM1 Loop	REF	DTL	130	02	Reference Identification	Utility rate sub-class	Text	AN(1/30)	Required	Not used	When a REF*PR is sent, this element is required. The data sent in REF02 may be used to retrieve rate information from a utility's web site.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
138	Reference Identification (Utility Load Profile Group Code)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating the Utility assigned load profile code	LO	ID(2/3)	Conditional	Not used	ELECTRIC ONLY. This segment will be sent by the Utility to communicate a change in the customers load profile code.
139	Reference Identification (Utility Load Profile Group Code)	NM1 Loop	REF	DTL	130	02	Reference Identification	Utility assigned load profile code	Utility assigned load profile code	AN(1/30)	Required	Not used	When a REF*LO is being sent, this element is required.
140	Reference Identification (Measurement Type and Reporting Interval)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating that this segment will contain the type of consumption measured by the meter and the interval between measurements.	MT	ID(2/3)	Conditional	Not used	This segment will be sent by the Utility to describe the measurement types and reporting intervals for the service delivery point(s) identified in the NM109 element when (1) one meter has been exchanged for another and the measurement types and/or reporting intervals for the new meter are different than the measurement types and/or reporting intervals associated with the old meter; (2) a meter has been added; or (3) there are changes or corrections to the measurement types and/or reporting intervals for an existing meter.
141	Reference Identification (Measurement Type and Reporting Interval)	NM1 Loop	REF	DTL	130	02	Reference Identification		refer to codes in IG	AN(1/30)	Required	Not used	When a REF*MT segment is sent, this element is required.
142	Reference Identification (Use Time of Day)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating that this segment contains data on the time of day classification for which measurements are obtained.	TU	ID(2/3)	Conditional	Not used	ELECTRIC ONLY. This segment is sent when there is a change in the manner usage will be measured on an account due to a meter addition or a meter exchange or a correction in previously reported data AND the "COMBO" code was sent in the REF*MT segment OR usage is measured in time intervals.
143	Reference Identification (Use Time of Day)	NM1 Loop	REF	DTL	130	02	Reference Identification Qualifier	Codes indicating time of day classification	41, 42, 43, or 51	AN(1/30)	Required	Not used	When a REF*TU segment is being sent, this element is required.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
144	Reference Identification (Use Time of Day)	NM1 Loop	REF	DTL	130	03	Description	Codes used to describe the measurement type and interval between measurements.	Type: K1, K2, K3, K4, K5, or KH Interval: BIM, DAY, MON, QTR, or TOU, or 001-999 for minutes.		Required	Not used	When a REF*TU segment is being sent, this element is required.
145	Reference Identification (ESCO Rate Code)	NM1 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating REF02 contains the ESCO rate code for a meter, all meters or all unmetered service.	RB	ID(2/3)	Conditional	Conditional	This segment will be sent by the ESCO to report a change in rate code for the customer (only applicable to Utility Rate Ready consolidated billing situations). This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Rate Code when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date.
146	Reference Identification (ESCO Rate Code)	NM1 Loop	REF	DTL	130	02	Reference Identification Qualifier	ESCO Rate Code	text	AN(1/30)	Required	Required	When a REF*RB segment is being sent, this element is required.
147	Transaction Set Trailer	None	SE	TLR	150	01	Number of Included Segments	Number of segments in this transaction.	#	NO 1/10	Required	Required	Required in all transactions.
148	Transaction Set Trailer	None	SE	TLR	150	02	Transaction Set Control Number		ST02	AN(4/9)	Required	Required	Required in all transactions.

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