Case 98-M-0667
Supplement B

Electronic Data Exchange Standards for Energy Deregulation in New York

814 Enrollment Request & Response

Data Dictionary

FILED

January 29, 2016
Version 2.4

		Summary of Changes
July 20, 2001		**Initial Release**
August 7, 2002		**Version 1.1 Issued**
		Added REF*AJ (Utility Account Number for ESCO/Marketer) segment. Renumbered lines and corrected line references as necessary. Corrected use attribute for the N302 element in the N1*8R and N1*BT loops from 'Required' to 'Conditional' per the October 2, 2001 clarification. This element is only sent in an Enrollment Accept Response transaction when the street address exceeds 55 characters. Modified the Comment for the REF*65 (Meter Cycle Code) and REF*BF (Bill Cycle Code) to clarify that these segments are only required on an enrollment accept response. Corrected use attribute for the REF03 element in the REF*65 (Meter Cycle Code) and REF*BF (Bill Cycle Code) from 'Optional' to 'Conditional' per the October 2, 2001 clarification. Corrected use attribute for the REF03 element in the REF*TU (Use Time of Day) segment from 'Conditional' to 'Required' per the October 2, 2001 clarification. Corrected use attribute for the N3 and N4 segments in the N1*BT (Mailing Address) segment from 'Required' to 'Conditional'. Mailing address information is only sent in an Enrollment Accept Response when the E/M is the bill presenter AND the customers mailing address differs from service address. Corrected the Comment for the REF03 element in the REF*1P (Response Information or Warnings) segment to refer to details regarding an accept enrollment response. Modified the Comment for the REF*93 (Fee Approved/Fee Applied) segment to clarify that this segment is applicable to an accept response to a request for consumption history. Modified the Comment for the following segments to clarify that "accept response" pertains to an enrollment request (versus a secondary request for consumption history): REF*BLT, REF*PC, REF*NR, REF*SU, REF*GC, REF*GS, REF*RP, DTM*150, and all segments in the NM1 loop.

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November 26, 2002		**Version 1.2 Issued**
		Added a new AMT segment (AMT*FW) to enable ESCO/Marketers to send fixed charge information when the bill option is Utility Rate Ready consolidated billing.
March 17, 2004		**Version 1.3 Issued**
		Added code values to the 02 element in the REF*TU segment to enable Orange & Rockland Utilities, Inc. and Consolidated Edison of New York, Inc. (or other utilities at their option) to describe in more detail in an Accept Response transaction, the type of electric usage data ESCOs can expect to receive in either an 867HU or 867MU transaction. Added AMT*9M and AMT*9N 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. Corrected coding and notes associated with the REF*GC (Gas Capacity Assignment/Obligation) segment.
May 17, 2006		**Version 2.0 Issued**
		All references to Niagara Mohawk or NMPC are revised to reflect the distribution utility's new name (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. The BGN06 (Reference Identification in the Beginning Segment) element notes are revised to allow for transmitting the text 'MANUAL' in an Enrollment Accept Response transaction initiated by the utility does not have a corresponding Request transaction, for example, an ESCO Referral Program enrollment. An N106 element is added to the N1*8R (Customer) segment to be used in an Enrollment Accept Response transaction to indicate that the customer enrolled is an ESCO Referral Program participant. A PER segment is added to the N1 (Customer) Loop to enable utilities to transmit the customer's telephone number in an Accept Response transaction when the customer was enrolled with the E/M through participation in a utility sponsored ESCO Referral Program.

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		Version 2.0 Continued
		Code 'FNA' (Fee Not Authorized) was deleted from the list of codes in the REF*7G (Reject Response Reasons) segment. Under the Uniform Business Practices issued August 2, 2004 a utility may no longer impose a charge for providing a customer's consumption history (section 4.2.a.) or a gas profile (section 4.2.b.). The REF*93 (Fee Approved/Fee Applied) segment is deleted as unnecessary. Fees may no longer be assessed for the consumption history or gas profile data described in section 4.2. of the Uniform Business Practices. A REF03 element was added to the REF*12 segment (Utility Account Number) for use on Enrollment Requests sent to or received from Orange & Rockland Utilities when a request pertains to enrolling the un-metered portion of a customer's electric service when both metered and un-metered service are present on the same account. The usage attributes for the REF*PC (Bill Calculator) and REF*BLT (Bill Calculator) are revised. These segments are required in Enrollment Request and Enrollment Accept Response transactions. The segment notes are also revised to clarify the use of these segments in National Fuel's service territory where both Utility Rate Ready consolidated billing and Single Retailer is offered. The notes for codes in the REF02 element of the REF*BLT and REF*PC segments are revised to clarify which codes should be transmitted for the Single Retailer Model (National Fuel Gas only). The REF03 element note for the REF*BLT (Bill Presenter) segment is revised to omit reference to the UBP. A REF*LF (E/M Late Fees) segment was added at the account level to enable E/Ms to communicate in an Enrollment Request transaction whether National Fuel Gas should calculate and assess E/M late fees when the customer's bill option is Utility Rate Ready consolidated billing. The REF*ALC (Human Needs Customer) segment notes are revised to indicate that this segment is required by National Grid only on gas enrollment requests for non-residential customers.

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		Version 2.0 Continued
		Two segments were added at the account level to enable E/Ms to communicate to National Fuel Gas in an Enrollment Request transaction a customer's budget plan installment and pre-existing budget plan balance. The AMT*BD (E/M Budget Plan Balance) and AMT*B5 (E/M Budget Plan Installment Amount) are sent when a REF*NR (Current Budget Billing Status) segment is present in a Request transaction and the bill option for the customer being enrolled is Utility Rate Ready consolidated billing. The AMT*RJ (Commodity Price), AMT*FW (E/M Fixed Charge) and REF*RB (ESCO Rate Code) segment notes are revised to accommodate Enrollment Accept Response transactions for ESCO Referral Program enrollments initiated by the utility. AMT*RJ and AMT*FW may contain zeros or dummy codes in these Response transactions because the utility may be unable to provide the discounted commodity price for the customer enrolled at the time the Accept Response transaction is sent. The usage attribute for the REF*RB segment in an Enrollment Accept Response transaction is changed from 'Not Used' to 'Conditional'; National Grid may send this segment in an Accept Response transaction for ESCO Referral Program enrollments to provide the E/M with the rate code applicable to Referral Program participants. The element note for the NM109 element is revised to add a reference pertaining to the handling of un-metered service on an electric account in Orange & Rockland's service territory. All line references in the Comments column are updated.
October 23, 2014		**Version 2.1**
		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.
		Adding these new segments from Case - 12-M-0476: REF*IJ (Industrial Classification Code), REF*TX (Utility Tax Exempt Status), REF*TDT (Account Settlement Indicator), REF*YP (NYPA Discount Indicator), REF*SG (Utility Discount) DTM*AB2 (ICAP Tag Effective Dates) AMT*8B (Future ICAP Tag) DTM*AB4 (Future ICAP Tag Effective Dates)

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		Version 2.1 Continued
		Adding AMT03 field to the AMT*KZ segment to accommodate the ICAP Special Program Indicator Code.
April 7, 2015		**Version 2.2**
		• Added code SP to N1 Name (Customer) to enable Service Portability. • Additional utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary • Deletion of references to ESCO Referral Programs • Rows renumbered, as appropriate with corresponding adjustments to Comments, as necessary.
July 20, 2015		**Version 2.3**
		• Changes permitting ESCOs and Utilities to send email and facsimile info in the PER segment. • Rows renumbered, as appropriate with corresponding adjustments to Comments, as necessary. • Corrected acronym for North American Industry Classification System.
January 29, 2016		**Version 2.4**
		• Modification to notes for REF*GC (Gas Capacity Assignment/Obligation) Segment to correspond to Orders issued in Case No. 07-G-0299. • Addition of Ref. Des. AMT03 to AMT Monetary Amount (Future ICAP) Segment to indicate presence of Special Program Adjustment Indicator. • Updated line numbers as needed.

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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	10	1	Transaction Set Identifier Code	Indicates Type of transaction	814	ID(3/3)	Required	Required	
2	Transaction Set Header	None	ST	HDR	10	2	Transaction Set Control Number	Number generated by senders system	ID#	AN(4/9)	Required	Required	
3	Beginning Segment	None	BGN	HDR	20	1	Transaction Set Purpose Code	Purpose of transaction	Request =13 Response =11	ID(2/2)	Required	Required	
4	Beginning Segment	None	BGN	HDR	20	2	Reference Identification	Unique and permanent ID for this transaction	ID#	AN(1/30)	Required	Required	
5	Beginning Segment	None	BGN	HDR	20	3	Date	Date transaction was created in senders system	CCYYMMDD	DT(8/8)	Required	Required	
6	Beginning Segment	None	BGN	HDR	20	6	Reference Identification	When BGN01=11, this element is the BGN02 from the original Request transaction or the text 'MANUAL' when a Response transaction does not have a corresponding Request transaction, for example in off-line enrollments.	ID# or MANUAL	AN(1/30)	Not Used	Required	When a Request transaction is sent by the ESCO the corresponding utility Response transaction should contain the BGN02 id from the Request transaction to enable the recipient to cross reference the response with the request transaction. This is particularly helpful when the Request transaction contains multiple requests in the LIN loop and the utility sends multiple responses in separate 814 Response transactions. When an Enrollment Accept Response transaction is initiated by the utility and there is no corresponding Request transaction, for example, in an off-line enrollment, the BGN06 element will contain the text 'MANUAL'.
7	Name (ESCO)	NI Loop	N1	HDR	40	1	Entity Identifier Code	Code identifying the ESCO in this transaction	SJ	ID(2/3)	Required	Required	
8	Name (ESCO)	NI Loop	N1	HDR	40	2	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)	NI Loop	N1	HDR	40	3	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)	NI Loop	N1	HDR	40	4	Identification Code	ID number for ESCO	ID#	AN(2/80)	Required	Required	
11	Name (Utility)	NI Loop	N1	HDR	40	1	Entity Identifier Code	Code identifying the utility in this transaction	8S	ID(2/3)	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
12	Name (Utility)	NI Loop	N1	HDR	40	2	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)	NI Loop	N1	HDR	40	3	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)	NI Loop	N1	HDR	40	4	Identification Code	ID number for Utility	ID#	AN(2/80)	Required	Required	
15	Name (Customer)	NI Loop	N1	HDR	40	1	Entity Identifier Code	Code identifying the customer in this transaction	8R	ID(2/3)	Required	Conditional	When an enrollment request is accepted, the customer's service address must be returned in the Enrollment Accept Response transaction. The address information in the N3/N4 segments must be accompanied by "name" information in an N1 segment to comply with X12 requirements.
16	Name (Customer)	NI Loop	N1	HDR	40	2	Name	Literal name of the customer in this transaction	Text or the literal "NAME"	AN(1/60)	Required	Required	When an Enrollment Accept Response is being sent, this element is required.
17	Name (Customer)	NI Loop	N1	HDR	40	6	Entity Identifier Code	Service Portability Indicator	SP	ID(2/3)	Not Used	Conditional	If supported by the Utility, this will be provided by the Utility to indicate when a residential customer that has moved within a Utility's service territory has elected to retain their ESCO service at the new address.
18	Address Information (Service Address)	NI Loop	N3	HDR	60	1	Address Information	Customer Service Address - Street	Text	AN(1/55)	Not Used	Required	When an Enrollment Accept Response is being sent, this element is required.
19	Address Information (Service Address)	NI Loop	N3	HDR	60	2	Address Information (overflow)	If N301 exceeds 55 characters, the overflow is sent in N302	Text	AN(1/55)	Not Used	Conditional	When an Enrollment Accept Response is being sent and the street address exceeds 55 characters, the overflow is sent in this element.
20	Geographic Location (Service Address)	NI Loop	N4	HDR	70	1	City Name	Customer Service Address - City	Text	AN(2/30)	Not Used	Required	When an Enrollment Accept Response is being sent, this element is required.
21	Geographic Location (Service Address)	NI Loop	N4	HDR	70	2	State or Province Code	Customer Service Address-State	Text	ID(2/2)	Not Used	Required	When an Accept Response is being sent, this element is required.
22	Geographic Location (Service Address)	NI Loop	N4	HDR	70	3	Postal Code	Customer Service Address-zipcode	Text	ID(3/15)	Not Used	Required	When an Enrollment Accept Response 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
23	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	1	Contact Function Code	Code indicating that Customer Contact Info is being provided.	IC	ID 2/2	Not Used	Conditional	If specified in a Utility Maintained EDI Guide, this segment will be sent by the utility in an Enrollment Accept Response transaction to provide the customer's contact info.
24	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	3	Communication Number Qualifier	Code indicating the type of contact info being provided in PER04.	EM – Email Address FX - Facsimile TE - Telephone	ID(2/2)	Not Used	Required	When a PER*IC segment is being sent, this element is required.
25	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	4	Communication Number	Customer's Email Address, Facsimile Number or Telephone Number	Free text	AN(1/80)	Not Used	Required	When a PER*IC segment is being sent, this element is required.
26	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	5		Code indicating the type of contact info being provided in PER06	EM – Email Address FX - Facsimile TE - Telephone	ID(2/2)	Not Used	Optional	When a PER*IC segment is being sent, this element is optional.
27	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	6	Communications Identifier	Customer's Email Address, Facsimile Number or Telephone Number	Free text	AN(1/80)	Not Used	Conditional	When a PER05 is sent, this element is required.
28	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	7		Code indicating the type of contact info being provided in PER08	EM – Email Address FX - Facsimile TE - Telephone	ID(2/2)	Not Used	Optional	When a PER*IC segment is being sent, this element is optional.
29	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)	Not Used	Conditional	When a PER07 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
30	Name (Name for Mailing)	NI Loop	N1	HDR	40	1	Entity Identifier Code	Code identifying that REF02 contains the name associated with the mailing address on the account.	BT	ID(2/3)	Not Used	Conditional	When an enrollment request is accepted, the customer's mailing address must be returned on the response when the ESCO is the bill presenter and the mailing address is different than the service address. The address information in the N3/N4 segments must be accompanied by "name" information in an N1 segment to comply with X12 requirements. If both service and mailing address are being returned in a Response transaction, two N1 segments must be sent. See examples.
31	Address Information (Mailing Address)	NI Loop	N1	HDR	40	2	Name	Name associated with the mailing address	Text or the literal "NAME"	AN(1/60)	Not Used	Required	When mailing address is being returned, this element is required.
32	Address Information (Mailing Address)	NI Loop	N3	HDR	60	1	Address Information	Mailing Address - Street	Text	AN(1/55)	Not Used	Conditional	When mailing address is being returned, the N3 segment is required.
33	Address Information (Mailing Address)	NI Loop	N3	HDR	60	2	Address Information	If N301 exceeds 55 characters, the overflow is sent in N302	Text	AN(1/55)	Not Used	Conditional	When mailing address is being returned, this element is only used for the overflow when the street address exceeds 55 characters.
34	Geographic Location (Mailing Address)	NI Loop	N4	HDR	70	1	City Name	Mailing Address - City	Text	AN(2/30)	Not Used	Conditional	When mailing address is being returned, the N4 segment is required.
35	Geographic Location (Mailing Address)	NI Loop	N4	HDR	70	2	State or Province Code	Mailing Address - State/Province	Text	ID(2/2)	Not Used	Required	When mailing address is being returned, this element is required.
36	Geographic Location (Mailing Address)	NI Loop	N4	HDR	70	3	Postal Code	Mailing Address-zipcode	Text	ID(3/15)	Not Used	Required	When mailing address is being returned, this element is required.
37	Geographic Location (Mailing Address)	NI Loop	N4	HDR	70	4	Country Code	Mailing Address-Country Code	Text	ID(2/3)	Not Used	Conditional	This element is not used for domestic mailing addresses.

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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	80	1	Contact Function Code	Code indicating that Customer Contact Info is being provided.	IC	ID 2/2	Not Used	Conditional	If specified in a Utility Maintained EDI Guide, this segment will be sent by the utility in an Enrollment Accept Response transaction to provide the Customer's Bill To contact info.
39	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	3	Communication Number Qualifier	Code indicating the type of contact info being provided in PER04.	TE - Telephone	ID(2/2)	Not Used	Required	When a PER*IC segment is being sent, this element is required.
40	Administrative Communications Contact (Customer Contact Info)	N1 Loop	PER	HDR	80	4	Communication Number	Customer's Telephone Number	Free text	AN(1/80)	Not Used	Required	When a PER*IC segment is being sent, this element is required.
41	Item Identification	LIN Loop	LIN	DTL	10	1	Assigned Identification	Unique identifier assigned to this LIN request	Unique ID for each LIN request generated by the sender	AN(1/20)	Required	Required	This identifier by itself, or in conjunction with the BGN 02 identifier on a request must uniquely identify each LIN request item over time. The LIN01 identifier in the request must be returned in the LIN01 in the response to that request. See examples.
42	Item Identification	LIN Loop	LIN	DTL	10	2	Product/Service ID Qualifier	Indicates a service is being requested	SH	ID(2/2)	Required	Required	
43	Item Identification	LIN Loop	LIN	DTL	10	3	Product/Service ID	Commodity Type	EL or GAS	AN(1/48)	Required	Required	Only one commodity type per 814 transaction (either request or response).
44	Item Identification	LIN Loop	LIN	DTL	10	4	Product/Service ID Qualifier	Indicates a service is being requested	SH	ID(2/2)	Required	Required	
45	Item Identification	LIN Loop	LIN	DTL	10	5	Product/Service ID	Type of Request	CE=Enrollment GP=Gas Profile HU=Historic Usage	AN(1/48)	At least one on every request	At least one on every response	CE is the primary request; all others are secondary requests. If the primary request is rejected the secondary request will also be rejected. The request for history (EITHER HU OR GP) is the only secondary request. GP requests are only supported by utilities that provide gas profiles.
46	Action or Status Indicator	LIN Loop	ASI	DTL	20	1	Action Code	Indicator of the action or status of the LIN request	7=Request AC=Acknowledge U=Reject WQ=Accept	ID(1/2)	Required	Required	ASI01 must be "7" for all requests. AC, U, WQ codes are used for responses. A REF1P may be used to provide additional clarification when "AC" is used on the response.

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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
47	Action or Status Indicator	LIN Loop	ASI	DTL	20	2	Maintenance Type Code	Used to differentiate between inquiries and other actions.	021=CE 029=GP or HU	ID(3/3)	Required	Required	
48	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains a reason for rejecting the LIN request.	7G	ID(2/3)	Not Used	Conditional	This segment is required on reject responses. Not all reject codes pertain to all LIN requests. The response may contain more than one reject reason per LIN request.
49	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	30	2	Reference Identification		refer to codes listed in 814e IG	AN(1/30)	Not Used	Required	When a REF*7G is being sent this element is required. A13 should only be used infrequently, i.e. when none of the other codes are sufficient.
50	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	30	3	Description	Used to qualify an A13 or other codes sent in REF02	text	AN(1/80)	Not Used	Conditional	When REF02=A13, this element must be sent to clarify the reject reason. REF03 may also be used to provide further clarification of the reject reason when REF02 contains other codes.
51	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains information associated with an accepted LIN request.	1P	ID(2/3)	Not Used	Optional	This segment may be sent to assist in clarifying an Accept Response.
52	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	30	2	Reference Identification		A13, API, FRB, HUL, 101, 102	AN(1/30)	Not Used	Optional	
53	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	30	3	Description	Used to qualify an A13 in REF02	text	AN(1/80)	Not Used	Conditional	This element must be sent when REF02 in this segment = A13 or API to clarify the details of the accept response. When REF02 contains FRB, 101 or 102, a REF03 may be sent to provide further clarification.
54	Reference Identification (ESCO Customer Account Number)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that the REF02 element contains the ESCO assigned account number for the customer	11	ID(2/3)	Conditional	Optional	Required on a request for enrollment when the Utility will be the bill presenter. May be returned on an Accept Response at the discretion of the parties.
55	Reference Identification (ESCO Customer Account Number)	LIN Loop	REF	DTL	30	2	Reference Identification	Customer's account number	Account #	AN(1/30)	Required	Optional	When a REF*11 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
56	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	30	1	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 customer's utility number is used for validation and must be present in all transactions.
57	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	30	2	Reference Identification	Customer's account number	Account #	AN(1/30)	Required	Required	When a REF*12 is sent, this element is required.
58	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	30	3	Description	Un-metered service designator (electric accounts only)	U	AN(1/80)	Conditional	Conditional	This element is only sent in Requests to, or provided in Responses from, a utility that elects this business practice in its Utility Maintained EDI Guide when the ESCO is enrolling only 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 electing utility's Response transaction will contain this element if present in the Request transaction.
59	Reference Identification (Previous Utility Account Number)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains the Utility's previous account number for the customer	45	ID(2/3)	Not Used	Conditional	Required if Utility customer account number has changed within the last 90 days
60	Reference Identification (Previous Utility Account Number)	LIN Loop	REF	DTL	30	2	Reference Identification	Customer's old account number	Account #	AN(1/30)	Not Used	Required	When a REF*45 is returned, this element is required.
61	Reference Identification (Utility Account Number for ESCO)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains a Utility assigned account number for the ESCO.	AJ	ID(2/3)	Conditional	Conditional	This segment may be provided on requests and responses by mutual agreement of the trading partners.
62	Reference Identification (Utility Account Number for ESCO)	LIN Loop	REF	DTL	30	2	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.
63	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains the meter cycle code for the account being enrolled.	65	ID(2/3)	Not Used	Conditional	This segment must be sent in an Enrollment Accept Response.

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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
64	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	30	2	Reference Identification		Meter cycle code	AN(1/30)	Not Used	Required	When a REF*65 is sent, this element is required.
65	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	30	3	Description	Description of the normal reporting period covered by usage data to be sent on the 867.	MON, BIM, QTR,	AN(1/80)	Not Used	Conditional	When a REF*65 is sent, this element may be sent if the data in REF02 is not sufficiently descriptive.
66	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	30	1	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)	Not Used	Conditional	This segment must be sent in an Enrollment Accept Response.
67	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	30	2	Reference Identification	Number indicating billing cycle.	cycle code	AN(1/30)	Not Used	Required	When a REF*BF is sent, this element is required.
68	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	30	3	Description	text indicating how frequently the customer is billed.	MON, BIM, QTR	AN(1/80)	Not Used	Conditional	When a REF*BF is sent, this element may be sent if the data in REF02 is not sufficiently descriptive.
69	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating REF02 identifies the bill presenter	BLT	ID(2/3)	Required	Conditional	This segment is required in Enrollment Request and Enrollment Accept Response transactions to request or confirm the customer's bill option.
70	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	30	2	Reference Identification		DUAL, ESP, or LDC	AN(1/30)	Required	Required	When a REF*BLT segment is present, this element is required. ESP should be used when the Single Retailer Model is in effect or there is a Billing Agency relationship between the utility and the ESCO.
71	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	30	3	Description	If REF02=ESP and NY Billing Agency Model will be used.	text = AGENT	AN(1/80)	Conditional	Not Used	If specified in a Utility Maintained EDI Guide, when a REF*BLT segment is sent, this element is required when the ESCO is the bill presenter and will use the NY Billing Agency Model (if that modiel is supported in the utility's 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
72	Reference Identification (Bill Calculator)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating REF02 identifies the bill calculator	PC	ID(2/3)	Required	Conditional	Required in Enrollment Requests and Accept Responses to identify which entity will calculate billed charges. If REF02=LDC in a Request transaction, the ESCO must send either an AMT segment in the LIN loop (AMT*RJ and/or AMT*FW) or a REF*RB in the NM1 Loop or the enrollment request will be rejected.
73	Reference Identification (Bill Calculator)	LIN Loop	REF	DTL	30	2	Reference Identification	Each party calculates their own charges or Utility is the bill calculator	DUAL or LDC	AN(1/30)	Required	Required	When a REF*PC is being sent, this element is required. If the bill option indicated in a Request transaction, via the REF*BLT and REF*PC segments is not offered in the service territory of the recipient utility the transaction will be rejected by every utility except those that elect to will accept the enrollment request but will send a REF 1P indicating "incorrect billing option requested".
74	Reference Identification (Current Budget Billing Status)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 will contain data on customer's budget billing status with the ESCO (req) and the Utility (resp).	NR	ID(2/3)	Conditional	Conditional	If present on the Request, the customer will be on budget billing with the ESCO. If present on the Enrollment Accept Response, the customer is currently on budget billing with the Utility.
75	Reference Identification (Current Budget Billing Status)	LIN Loop	REF	DTL	30	2	Reference Identification	The enrolling customer is (resp) or will be (req) on budget billing.	Y	AN(1/30)	Required	Required	When a REF*NR is being sent, this element is required.
76	Reference Identification (ESCO Late Fees)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 will indicate whether late fees will/will not be assessed by the utility on ESCO past due amounts for account being enrolled (Pay-As-You-Get-Paid Model only).	LF	ID(2/3)	Conditional	Conditional	If specified in a Utility Maintained EDI Guide, this segment is required in Request transactions sent to the utility when the customer's bill option is Utility Rate Ready consolidated billing and the payment method is Pay-As-You-Get-Paid. A utility may choose to return this segment in an Enrollment Accept Response transaction.
77	Reference Identification (ESCO Late Fees)	LIN Loop	REF	DTL	30	2	Reference Identification	Late fees will/will not be assessed by the Billing Party on ESCO past due amounts for account being enrolled.	N2,Y2	AN(1/30)	Required	Required	This element is required when a REF*LF segment is being sent.

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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 (Partial Participation Portion)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains data on the load to be supplied by the ESCO for partial requirements customers.	PGC	ID(2/3)	Conditional	Conditional	This segment is required by some utilities when the customer being enrolled is a partial requirements customer, i.e. a portion of the customers load is eligible for special pricing under an Economic Incentive program such as Power for Jobs. If this segment is applicable to the customer that is being enrolled and is NOT sent, the enrollment request will be rejected.
79	Reference Identification (Partial Participation Portion)	LIN Loop	REF	DTL	30	2	Reference Identification	ESCO will serve base load or total load.	B (base) or T (total)	AN(1/30)	Required	Required	When a REF*PGC is being sent, this element is required.
80	Reference Identification (Customer on Life Support)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains data on customers need for life support equipment.	SU	ID(2/3)	Conditional	Optional	Must be present in Request transactions for the Single Retailer Model or the Enrollment may be rejected. May be returned in an Enrollment Accept Response at the option of the Utility.
81	Reference Identification (Customer on Life Support)	LIN Loop	REF	DTL	30	2	Reference Identification	Indicates whether life support equipment is necessary or is being investigated.	I, N, or Y	AN(1/30)	Required	Required	When a REF*SU is being sent, this element is required.
82	Reference Identification (Gas Pool ID)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 identifies the id for the gas pool for the customer being enrolled.	VI	ID(2/3)	Conditional	Conditional	This segment must be sent when the Enrollment Request is for Gas service and the ESCO has been assigned more than one Gas Pool ID for their customers. Must be returned on the Response if sent on the Request. If this segment is not present in Requests sent to utilities that require Gas Pool IDs, the enrollment will be rejected.
83	Reference Identification (Gas Pool ID)	LIN Loop	REF	DTL	30	2	Reference Identification	The pool id for the sub-grouping of customers that the enrolling customer will be assigned to.	ID#	AN(1/30)	Required	Required	When REF*VI 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
84	Reference Identification (Gas Capacity Assignment/Obligation)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains data on pipeline capacity	GC	ID(2/3)	Conditional	Conditional	Gas Enrollments Only. This segment is provided to the ESCO by the Utility to convey intended or obligated pipeline capacity requirements necessary to meet the needs of the end use customer as described in its Utility Maintained EDI Guide. Not used when commodity is electric. Required on the Request when supported by the Utility. Will be returned on an Accept Response when received on the Request and supported by the Utility.
85	Reference Identification (Gas Capacity Assignment/Obligation)	LIN Loop	REF	DTL	30	2	Reference Identification	ESCO will, or must, take assignment of utility's pipeline capacity for the customer being enrolled (Y) or ESCO will arrange for pipeline capacity (N)	Y or N	AN(1/30)	Required	Required	When REF*GC is being sent, this element is required.
86	Reference Identification (Gas Supply Service Options)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 designates the balancing or storage option for the customer being enrolled.	GS	ID(2/3)	Conditional	Conditional	Gas Enrollments Only. Required on the Request for utilities that indicate a requirement in their Utility Maintained EDI Guides. If not present, the enrollment will be rejected. May be sent in other service territories at the discretion of the utility. Will be returned in an Enrollment Accept Response if sent on the Request and supported by the Utility.
87	Reference Identification (Gas Supply Service Options)	LIN Loop	REF	DTL	30	2	Reference Identification	Balancing or storage option for gas delivery	B or S	AN(1/30)	Required	Required	When REF*GS is being sent, this element is required.
88	Reference Identification (Gas Supply Service Options)	LIN Loop	REF	DTL	30	3	Description	Used to qualify the Balancing service option	D or M	AN(1/80)	Conditional	Conditional	If specified in a Utility Maintained EDI Guide, when REF*GS is being sent AND REF02="B", this element must be sent on Requests to the utility to indicate the balancing period (Daily or Monthly).

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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
89	Reference Identification (Human Needs Customer)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code used to specify that the value in REF02 will indicate whether this customer is a human needs customer.	ALC	ID(2/3)	Conditional	Not Used	If specified in a Utility Maintained EDI Guide, this segment should be present in Request transactions sent to the utility when the commodity is GAS and the non-residential customer being enrolled meets the definition of a human needs customer as described in the utility tariffs. This segment may be provided in Enrollment Requests sent to other utilities based on the mutual agreement of the parties.
90	Reference Identification (Human Needs Customer)	LIN Loop	REF	DTL	30	2	Reference Identification	This customer is a human needs customer (Y) or this customer is NOT a human needs customer (N).	Y or N	AN(1/30)	Required	Not Used	When REF*ALC is sent in the Enrollment Request, this element is required. Please see the segment notes in the IG for a more detailed definition of human needs customers.
91	Reference Identification (ISO Location Based Marginal Pricing Zones)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 will identify the LBMP zone in which the customer being enrolled resides.	SPL	ID(2/3)	Not Used	Conditional	Must be present on an Accept Response pertaining to electric enrollments.
92	Reference Identification (ISO Location Based Marginal Pricing Zones)	LIN Loop	REF	DTL	30	2	Reference Identification		A thru K, M, O, & P	AN(1/30)	Not Used	Required	When a REF*SPL is being sent, this element is required.
93	Reference Identification (Account Settlement Indicator)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains the Account Settlement Indicator for the account requested.	TDT	ID(2/3)	Not Used	Conditional	Required when the service being requested is Electric.
94	Reference Identification (Account Settlement Indicator)	LIN Loop	REF	DTL	30	2	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)	Not Used	Required	When REF*TDT is being sent, this element is required.
95	Reference Identification (NYPA Discount Indicator)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains the NYPA Discount Indicator for the account requested.	YP	ID(2/3)	Not Used	Conditional	Required for Electric accounts, if available in the utility's system and the utility does not otherwise provide the indicator through a non-EDI means.
96	Reference Identification (NYPA Discount Indicator)	LIN Loop	REF	DTL	30	2	Reference Identification	Code indicating whether the account requested participates in the NYPA Discount Indicator.	N=No, the customer does not participate in the program Y=Yes, the customer does participate in the program	AN(1/30)	Not Used	Required	When REF*YP 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
97	Reference Identification (Utility Discount Indicator)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains the Utility Discount Indicator for the account requested.	SG	ID(2/3)	Not Used	Conditional	Required for non-residential accounts where the customer receives a commodity discount from the utility or a delivery discount that is dependent upon purchase of commodity from the utility. Further, the indicator should be set to "N" in cases where all non-residential customers in a rate class or service receive the same discount or when the delivery discount is portable, i.e. it applies whether the customer purchases commodity from the ESCO or the utility.
98	Reference Identification (Utility Discount Indicator)	LIN Loop	REF	DTL	30	2	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)	Not Used	Required	When REF*SG is being sent, this element is required.
99	Reference Identification (Industrial Classification Code)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains the Industrial Classification Code for the account.	IJ	ID(2/3)	Not Used	Conditional	Required when the information is available in the utility's system.
100	Reference Identification (Industrial Classification Code)	LIN Loop	REF	DTL	30	2	Reference Identification	The Industrial Classification Code for the account.		AN(1/30)	Not Used	Required	When REF*IJ is being sent, this element is required.
101	Reference Identification (Industrial Classification Code)	LIN Loop	REF	DTL	30	3	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)	Not Used	Required	When REF*IJ 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
102	Reference Identification (Utility Tax Exempt Status)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating that REF02 contains the Utility Tax Exempt Status for the account requested.	TX	ID(2/3)	Not Used	Required	This element is required.
103	Reference Identification (Utility Tax Exempt Status)	LIN Loop	REF	DTL	30	2	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.
104	Reference Identification (Portion Taxed Residential)	LIN Loop	REF	DTL	30	1	Reference Identification Qualifier	Code indicating portion of a non-residential account that is taxed at a residential rate.	RP	ID(2/3)	Conditional	Optional	This segment must be sent on Requests to utilities that indicate a requirement in their Utility Maintained EDI Guides when the bill option is Utility Rate Ready consolidated billing, the account being enrolled is a non-residential account and a portion of the account is taxed at a residential rate. This segment may be present in the Enrollment Accept Response at the option of the Utility.
105	Reference Identification (Portion Taxed Residential)	LIN Loop	REF	DTL	30	2	Reference Identification		20 thru 27	AN(1/30)	Required	Required	When a REF*RP 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
106	Date/Time Reference (Assigned Service Start Date)	LIN Loop	DTM	DTL	40	1	Date/Time Qualifier	Code indicating that REF02 contains the effective date for an enrollment.	150	ID(3/3)	Not Used	Conditional	The Utility will provide an effective start date for an enrollment in an Enrollment Accept Response. This date is dependent upon several factors: the date the ESCOs enrollment request was received by the Utility(if applicable), the date new Delivery Service was established for the customer (if applicable) and the customer's meter reading cycle date.
107	Date/Time Reference (Assigned Service Start Date)	LIN Loop	DTM	DTL	40	2	Date		CCYYMMDD	DT(8/8)	Not Used	Required	When a DTM*150 is being sent, this element is required.
108	Date/Time Reference (ICAP Effective Dates)	PTD Loop	DTM	DTL	20	1	Date/Time Qualifier	Code indicating that this DTM segment identifies the effective dates associated with the ICAP data provided.	AB2	ID 3/3	Not Used	Optional	The Utility may provide an effective date range for the ICAP data provided in AMT*KZ in an Enrollment Accept Response.
109	Date/Time Reference (ICAP Effective Dates)	PTD Loop	DTM	DTL	20	5	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	Not Used	Required	When a DTM*AB2 is being sent, this element is required.
110	Date/Time Reference (ICAP Effective Dates)	PTD Loop	DTM	DTL	20	6	Date Time Period	Period expressed in the format CCYYMMDD-CCYYMMDD		AN 1/35	Not Used	Required	When a DTM*AB2 is being sent, this element is required.
111	Date/Time Reference (Future ICAP Effective Dates)	PTD Loop	DTM	DTL	20	1	Date/Time Qualifier	Code indicating that this DTM segment identifies the effective dates associated with the future ICAP data provided.	AB4	ID 3/3	Not Used	Optional	The Utility may provide an effective date range for the future ICAP data in AMT*8B in an Enrollment Accept Response.

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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
112	Date/Time Reference (Future ICAP Effective Dates)	PTD Loop	DTM	DTL	20	5	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	Not Used	Required	When a DTM*AB4 is being sent, this element is required.
113	Date/Time Reference (Future ICAP Effective Dates)	PTD Loop	DTM	DTL	20	6	Date Time Period	Period expressed in the format CCYYMMDD-CCYYMMDD		AN 1/35	Not Used	Required	When a DTM*AB4 is being sent, this element is required.
114	Monetary Amount (ESCO Budget Plan Installment Amount)	LIN Loop	AMT	DTL	60	1	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	Optional	If specified in the Utility Maintained EDI Guide, this segment must be present in Request transactions sent to the utility when REF*BLT=LDC, REF*PC=LDC and REF*NR=Y to provide the monthly budget installment amount the customer is expected to pay under ESCO negotiated budget plan.
115	Monetary Amount (ESCO Budget Plan Installment Amount)	LIN Loop	AMT	DTL	60	2	Monetary Amount	Budget Plan Installment Amount	Whole numbers of the form xxx or xx (e.g. 100 or 75)	R(1/18)	Required	Required	When an AMT*B5 segment is sent this element is required.
116	Monetary Amount (ESCO Budget Plan Balance Amount)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 contains the budget plan balance at the time of the current enrollment for the budget plan negotiated between the ESCO and customer.	BD	ID(1/3)	Conditional	Not Used	If specified in the Utility Maintained EDI Guide, this segment must be present in Request transactions sent to the utility when REF*BLT=LDC, REF*PC=LDC, REF*NR=Y to provide a budget plan balance when the customer being enrolled has a budget plan balance for a period prior to the current enrollment
117	Monetary Amount (ESCO Budget Plan Balance Amount)	LIN Loop	AMT	DTL	60	2	Monetary Amount	Budget Plan Balance Amount	0.00 or -0.00	R(1/18)	Required	Not Used	When an AMT*BD segment is sent this element is required.
118	Monetary Amount (Tax Exemption Percent)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 indicates that portion of the ESCO's service that is tax exempt for the account being enrolled.	DP	ID(1/3)	Conditional	Not Used	This segment must be sent in an Enrollment Request when the billing option is Utility Rate Ready consolidated billing and some or all of the ESCOs service is tax exempt.

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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
119	Monetary Amount (Tax Exemption Percent)	LIN Loop	AMT	DTL	60	2	Monetary Amount	1=100%. Numbers less than one indicate percent.	0.0000	R(1/18)	Required	Not Used	When an AMT*DP segment is being sent, this element is required.
120	Monetary Amount (Commodity Price)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 contains the ESCO commodity price for the account being enrolled when the ESCO will charge a fixed rate per unit of commodity.	RJ	ID(1/3)	Conditional	Conditional	Must be present in an Enrollment Request when the bill option is Utility Rate Ready consolidated billing and the ESCO will charge a fixed price per unit of commodity. Will be returned in an Accept Response if present on the Request. Rate codes cannot be sent in this segment (see REF*RB below). When an Enrollment Accept Response transaction is initiated by the utility but there is no corresponding Request transaction, this segment may contain 00.0 or a dummy number assigned by the utility (in these instances a Change transaction may be sent by the ESCO to provide the actual commodity price, where applicable).
121	Monetary Amount (Commodity Price)	LIN Loop	AMT	DTL	60	2	Monetary Amount		0.00	R(1/18)	Required	Required	When an AMT*RJ segment is being sent, this element is required. See AMT*RJ, AMT*FW and REF*RB for the options available for sending price information to the utility bill calculator.

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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 (ESCO Fixed Charge)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 contains the ESCOs fixed charge per billing period.	FW	ID(1/3)	Conditional	Conditional	Must be present in an Enrollment Request when the bill option is Utility rate ready consolidated billing and the ESCO will assess their customers a fixed charge per billing period in addition to, or in lieu of, a price per unit of commodity. Will be returned in an Accept Response if present on the Request. Rate codes cannot be sent in this segment (see REF*REB Segment below). When an Enrollment Accept Response transaction is initiated by the utility but there is no corresponding Request transaction, this segment may contain 00.0 or a dummy number assigned by the utility (in these instances a Change transaction may be sent by the ESCO to provide the actual commodity price, where applicable).
123	Monetary Amount (ESCO Fixed Charge)	LIN Loop	AMT	DTL	60	2	Monetary Amount		0.00	R(1/18)	Required	Required	When an AMT*FW segment is being sent, this element is required.
124	Monetary Amount (Customer's Tax Rate for ESCO Charges - 1)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 contains the tax rate that should be used by a Rate Ready utility to calculate the taxes applicable to either all ESCO charges or the portion of the ESCO account that is taxed at a residential rate. See REF*RP segment above.	9M	ID 1/3	Conditional	Conditional	Where supported by a utility, this segment is sent by an ESCO to provide the tax rate used to calculate taxes on the ESCO charges, at the discretion of the utility, when the customer's bill option is Utility Rate Ready consolidated billing. When an AMT*DP segment is present (Tax Exemption Percent) and the AMT02 element in that segment =1, then the AMT02 element in the 9M segment should contain 0.00. When a REF*RP segment is present (Portion Taxed Residential), then the AMT02 in this segment should contain the tax rate applicable to the residential portion of the ESCO account. If present in a Request transaction, this segment may be echoed back in the Response transaction, at the discretion of the utility.

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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
125	Monetary Amount (Customer's Tax Rate for ESCO Charges - 1)	LIN Loop	AMT	DTL	60	2	Monetary Amount		0.00	R(1/18)	Required	Required	When an AMT*9M segment is sent, this element is required.
126	Monetary Amount (Customer's Tax Rate for ESCO Charges - 2)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 contains the tax rate that should be used by a Rate Ready utility to calculate the taxes applicable to the portion of the ESCO account that is taxed at a commercial rate. See REF*RP segment above.	9N	ID 1/3	Conditional	Conditional	Where supported by a utility, this segment is sent, at the discretion of the utility, by an ESCO to provide the tax rate used to calculate taxes on the commercial portion of the ESCO account, when the customer's bill option is Utility Rate Ready consolidated billing and a REF*RP segment is present in the transaction. If present in a Request transaction, this segment may be echoed back in the Response transaction, at the discretion of the utility.
127	Monetary Amount (Customer's Tax Rate for ESCO Charges - 2)	LIN Loop	AMT	DTL	60	2	Monetary Amount		0.00	R(1/18)	Required	Required	When an AMT*9N segment is sent, this element is required.
128	Monetary Amount (ICAP)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 contains the ICAP Tag for the electric customer being enrolled.	KZ	ID(1/3)	Not Used	Conditional	Will be returned on an Accept Response for electric enrollment requests when available.
129	Monetary Amount (ICAP)	LIN Loop	AMT	DTL	60	2	Monetary Amount		0.0000	R(1/18)	Not Used	Required	When an AMT*KZ segment is being sent, this element is required.
130	Monetary Amount (ICAP)	LIN Loop	AMT	DTL	60	3	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)	Not Used	Optional	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
131	Monetary Amount (Future ICAP)	LIN Loop	AMT	DTL	60	1	Amount Qualifier Code	Code indicating that AMT02 contains the Future ICAP Tag for the electric customer being enrolled.	8B	ID(1/3)	Not Used	Conditional	Will be returned on an Accept Response for electric enrollment requests when available.
132	Monetary Amount (Future ICAP)	LIN Loop	AMT	DTL	60	2	Monetary Amount		0.0000	R(1/18)	Not Used	Required	When an AMT*8B segment is being sent, this element is required.
133	Monetary Amount (Future ICAP)	LIN Loop	AMT	DTL	60	3	Special Program Adjustment Indicator	Code indicating if the Future ICAP tag has been adjusted for a Special Program.	D=No, there is no Special Program Adjustment Indicator related to the Future ICAP Tag. C=Yes, there is a Special Program Adjustment Indicator related to the Future ICAP Tag.	ID(1/1)	Not Used	Optional	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
134	Metered or Unmetered Service Point	NM1 Loop	NM1	DTL	80	1	Entity Identifier Code	Code indicating that this NM1 loop contains delivery point or meter related information.	MQ	ID(2/3)	Conditional	Conditional	An NM1 Loop is required in a Request transaction when the bill option is Utility Rate Ready consolidated billing and the ESCO will communicate pricing information by sending a rate code rather than using the REF*RJ or REF*FW segments in the header. Where there are multiple service points on an account but the same rate code will not apply to each service point, then a separate NM1 Loop must be sent for each service point. When the same rate code applies to all service points on an account a single NM1 Loop may be sent where the NM109 would be populated with, for example, 'ALL'. In a Request transaction, the NM1 Loop may contain only the NM1~MQ and REF~RB segments. In an Enrollment Accept Response transaction, additional segments may be sent to describe in more detail the type of consumption for each service point.
135	Metered or Unmetered Service Points	NM1 Loop	NM1	DTL	80	2	Entity Type Qualifier	Required by X12	3	ID(1/1)	Required	Required	When an NM1~MQ segment is being sent, this element is required.
136	Metered or Unmetered Service Points	NM1 Loop	NM1	DTL	80	8	Identification Code Qualifier	Use 32 to indicate that NM109 contains a meter number; Use 93 to indicate that NM109 is not a meter number.	32 or 93	ID(1/2)	Required	Required	When an NM1~MQ 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
137	Metered or Unmetered Service Points	NM1 Loop	NM1	DTL	80	9	Identification Code		meter # or text ("ALL", or "UNMETERED ")	AN(2/80)	Required	Required	When an NM1~MQ segment is being sent, this element is required. When NM108 = 32, NM109 must contain a meter number. When NM108 = 93, NM109 must contain either the literal "UNMETERED" for all unmetered service on the account OR the literal "ALL" for all service delivery points on the account. (See the Comments in REF12 position 03 for the treatment of un-metered service on an electric account.)
138	Reference Identification (Utility Rate Service Class)	NM1 Loop	REF	DTL	130	1	Reference Identification Qualifier	Code indicating that REF02 contains the utility rate class for the customer being enrolled.	NH	ID(2/3)	Not Used	Conditional	This segment must be present in an Enrollment Accept Response. A The payment processing option for utility consolidated billing may be either POR or Pay-As-You-Get Paid and may be determined by the utility through reference to the service class data provided in an Accept Enrollment Response transaction.
139	Reference Identification (Utility Rate Service Class)	NM1 Loop	REF	DTL	130	2	Reference Identification		Text	AN(1/30)	Not Used	Required	When a REF*NH segment is being sent, this element is required.
140	Reference Identification (Rate Sub Class)	NM1 Loop	REF	DTL	130	1	Reference Identification Qualifier	Code indicating that REF02 contains the utility rate subclass for the customer being enrolled.	PR	ID(2/3)	Not Used	Conditional	This segment must be present in an Enrollment Accept Response when a rate subclass exists for the account being enrolled.
141	Reference Identification (Rate Sub Class)	NM1 Loop	REF	DTL	130	2	Reference Identification		Text	AN(1/30)	Not Used	Required	When a REF*PR segment is being sent, this element is required.
142	Reference Identification (Utility Load Profile Group Code)	NM1 Loop	REF	DTL	130	1	Reference Identification Qualifier	Code indicating that REF02 contains the utility assigned load profile code for the account being enrolled.	LO	ID(2/3)	Not Used	Conditional	This segment must be present in an Enrollment Accept Response when the service is Electric. Load profile codes can be used to look up the load profile associated with the account being enrolled from data posted on the 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
143	Reference Identification (Utility Load Profile Group Code)	NM1 Loop	REF	DTL	130	2	Reference Identification		Text	AN(1/30)	Not Used	Required	When a REF*LO segment is being sent, this element is required.
144	Reference Identification (Measurement Type and Reporting Period)	NM1 Loop	REF	DTL	130	1	Reference Identification Qualifier	Code indicating that REF02 will identify the type of consumption measured by a meter or unmetered service points and the interval between measurements.	MT	ID(2/3)	Not Used	Conditional	This segment must be present in an Enrollment Accept Response transaction to describe the measurement units applicable to each service point on the account being enrolled.
145	Reference Identification (Measurement Type and Reporting Period)	NM1 Loop	REF	DTL	130	2	Reference Identification		refer to codes listed in 814e IG	AN(1/30)	Not Used	Required	When a REF*MT segment is being sent, this element is required. Use "COMBO" when a meter is capable of measuring more than one type of consumption OR consumption will be reported for more than one interval in a reporting period, such as a time of use meter. For all other meters, this element should contain a code in the first two fields that indicates the type of consumption and a second code in the last three fields that indicates the intervals that are measured. There should be no more than 5 characters in this element. When "COMBO" is sent in the REF*MT segment, the type of measurement and/or reporting intervals for a period for that service point must be described in a REF*TU segment.
146	Reference Identification (Use Time of Day)	NM1 Loop	REF	DTL	130	1	Reference Identification Qualifier	Code indicating that REF02 will qualify the usage data to be sent on this meter in the 867.	TU	ID(2/3)	Not Used	Conditional	This segment must be present in an Accept Response when the commodity type is electric and the REF*MT=COMBO. This segment is used to indicate that a measurement period for a service point is further disaggregated into time of day periods such as on peak, off peak, etc. This segment is also used to describe measurement types when multiple measurement types will be reported on 867 for a single service end point such as a meter that is capable of measuring both demand and kilowatt hours.

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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
147	Reference Identification (Use Time of Day)	NM1 Loop	REF	DTL	130	2	Reference Identification Qualifier		41, 42, 43, 45, 49, 50, 51, 57, 58, 73, 74, 75, 84, 85, 86, 87, 88, 89, 90, 91,92, 93, or 94	AN(1/30)	Not Used	Required	When a REF*TU segment is being sent, this element is required.
148	Reference Identification (Use Time of Day)	NM1 Loop	REF	DTL	130	3	Description	Use this element to describe a meter's capabilities when the MT segment is "COMBO" in the 02 element. Use the codes to describe the meter's capabilities in the 03 element of the TU segment.	Type: K1, K2, K3, K4, K5, or KH Interval: BIM, DAY, MON, QTR, or 001-999 for minutes.	AN(1/80)	Not Used	Required	This element is required in a REF*TU segment to associate the time of day interval in the REF02 element with the unit of measurement.
149	Reference Identification (ESCO Rate Code)	NM1 Loop	REF	DTL	130	1	Reference Identification Qualifier	Code indicating that REF02 will contain the ESCO rate code associated with the service point(s) identified in the NM1 segment.	RB	ID(2/3)	Conditional	Conditional	Required in an Enrollment Request when the bill option is Utility rate ready consolidated billing and the ESCO charges will be calculated based on rate codes instead of commodity prices. Required in an Enrollment Accept Response when present on the Request. If this segment is required and is not sent, the enrollment request will be rejected. When an Enrollment Accept Response transaction, initiated by a utility that elects this business practice in its Utility Maintained EDI Guide, does not have a corresponding Request transaction, this segment in an Accept Response transaction may contain a rate code specified by the utility in its BSA.
150	Reference Identification (ESCO Rate Code)	NM1 Loop	REF	DTL	130	2	Reference Identification Qualifier		text	AN(1/30)	Required	Required	When a REF*RB segment is being sent, this element is required.
151	Transaction Set Trailer	None	SE	DTL	180	1	Number of Included Segments	Number of segments in this transaction.	#	NO 1/10	Required	Required	Required in all transactions.
152	Transaction Set Trailer	None	SE	DTL	180	2	Transaction Set Control Number		ST02	AN(4/9)	Required	Required	Required in all transactions.

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