

Electronic Data Exchange Standards for Energy Deregulation in New York

814 Enrollment Request & Response

~~EDI 814~~ Data Dictionary ~~Request and Response~~

~~May 17, 2006~~ October 23, 2014
Version 2.01

	Summary of Changes
July 20, 2001	Initial Release
August 7, 2002	Version 1.1 Issued
	<p>Added REF*AJ (Utility Account Number for ESCO/Marketer) segment.</p> <p>Renumbered lines and corrected line references as necessary.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

<p>November 26, 2002</p>	<p>Version 1.2 Issued</p>
	<p>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.</p>
<p>March 17, 2004</p>	<p>Version 1.3 Issued</p>
	<p>Added code values to the 02 element in the REF*<u>TU</u> 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.</p> <p>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.</p> <p>Corrected coding and notes associated with the REF*GC (Gas Capacity Assignment/Obligation) segment.</p>
<p>May 17, 2006</p>	<p>Version 2.0 Issued</p>
	<p>All references to Niagara Mohawk or NMPC are revised to reflect the distribution utility's new name (National Grid).</p> <p>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.</p> <p>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.</p> <p>An N106 element is added to the N1*8R<u>(Customer)</u> segment to be used in an Enrollment Accept Response transaction to indicate that the customer enrolled is an ESCO Referral Program participant.</p> <p>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.</p>

	Version 2.0 Continued
	<p>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.).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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).</p> <p>The REF03 element note for the REF*BLT (Bill Presenter) segment is revised to omit reference to the UBP.</p> <p>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 eustomers<u>customer's</u> bill option is Utility Rate Ready consolidated billing.</p> <p>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.</p>

	Version 2.0 Continued
	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>All line references in the Comments column are updated.</p>

<u>October 23, 2014</u>	<u>Version 2.1</u>
	<p><u>Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary.</u></p> <p><u>Replaced references to Marketer and E/M with ESCO.</u></p> <p><u>Adding these new segments from Case - 12-M-0476:</u></p> <p><u>REF*IJ (Industrial Classification Code).</u></p>

	<u>REF*TX (Utility Tax Exempt Status),</u> <u>REF*TDT (Account Settlement Indicator),</u> <u>REF*YP (NYPA Discount Indicator),</u> <u>REF*SG (Utility Discount)</u> <u>DTM*AB2 (ICAP Tag Effective Dates)</u> <u>AMT*8B (Future ICAP Tag)</u> <u>DTM*AB4 (Future ICAP Tag Effective Dates)</u>
	<u>Version 2.1 Continued</u>
	<u>Adding AMT03 field to the AMT*KZ segment to accommodate the</u> <u>ICAP Special Program Indicator Code.</u>

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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	04010	041	Transaction Set Identifier Code	Indicates Type of transaction	814	ID(3/3)	Required	Required	
2	Transaction Set Header	None	ST	HDR	04010	022	Transaction Set Control Number	Number generated by senders system	ID#	AN(4/9)	Required	Required	
3	Beginning Segment	None	BGN	HDR	02020	041	Transaction Set Purpose Code	Purpose of transaction	Request =13 Response =11	ID(2/2)	Required	Required	
4	Beginning Segment	None	BGN	HDR	02020	022	Reference Identification	Unique and permanent ID for this transaction	ID#	AN(1/30)	Required	Required	
5	Beginning Segment	None	BGN	HDR	02020	033	Date	Date transaction was created in senders system	CCYYMMDD	DT(8/8)	Required	Required	
6	Beginning Segment	None	BGN	HDR	02020	066	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 <u>ESCO Referral Program off-line</u> enrollments.	ID# or MANUAL	AN(1/30)	Not Used	Required	When a Request transaction is sent by the <u>EMESCO</u> 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 <u>ESCO Referral Program off-line</u> enrollment, the BGN06 element will contain the text 'MANUAL'.
7	Name (ESCO/Mark-eter)	NI Loop	N1	HDR	04040	011	Entity Identifier Code	Code identifying the <u>EMESCO</u> in this transaction	SJ	ID(2/3)	Required	Required	
8	Name (ESCO/Mark-eter)	NI Loop	N1	HDR	04040	022	Name	literal name of the <u>EMESCO</u>	free form text	AN(1/60)	Optional	Optional	<u>EMESCO</u> name is not necessary but may be provided by mutual agreement of the trading partners.
9	Name (ESCO/Mark-eter)	NI Loop	N1	HDR	04040	033	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/Mark-eter)	NI Loop	N1	HDR	04040	044	Identification Code	ID number for <u>EMESCO</u>	ID#	AN(2/80)	Required	Required	
11	Name (Utility)	NI Loop	N1	HDR	04040	041	Entity Identifier Code	Code identifying the utility in this transaction	8S	ID(2/3)	Required	Required	
12	Name (Utility)	NI Loop	N1	HDR	04040	022	Name	Literal name of the Utility in this	free form text	AN(1/60)	Optional	Optional	Utility name is not necessary but may be provided by mutual agreement of

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
								transaction					the trading partners.
13	Name (Utility)	NI Loop	N1	HDR	04040	033	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	04040	044	Identification Code	ID number for Utility	ID#	AN(2/80)	Required	Required	
15	Name (Customer)	NI Loop	N1	HDR	04040	041	Entity Identifier Code	Code identifying the customer in this transaction	8R	ID(2/3)	Optional 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	04040	022	Name	Literal name of the customer in this transaction	Text or the literal "NAME"	AN(1/60)	Optional Required	Required	When an Enrollment Accept Response is being sent, this element is required. See Comment on Line 15.
17	Name (Customer) Address Information (Service Address)	N1NI Loop	N4N3	HDR	04060	061	Entity Identifier Code Address Information	Code indicating this response pertains to an ESCO Referral Program Enrollment Customer Service Address - Street	PS Text	ID(2/3)AN(1/55)	Not Used	Conditional Required	This element must be present in When an Enrollment Accept Response transactions when the customer is an ESCO Referral Program participant enrolled by the utility being sent, this element is required.
18	Address Information (Service Address)	NI Loop	N3	HDR	06060	012	Address Information (overflow)	Customer Service Address - Street If N301 exceeds 55 characters, the overflow is sent in N302	Text	AN(1/55)	Not Used	Required Conditional	When an Enrollment Accept Response is being sent, and the street address exceeds 55 characters, the overflow is sent in this element is required. See Comment on Line 15.
19	Address Information Geographic Location (Service Address)	NI Loop	N3N4	HDR	06070	021	City Name Address Information (overflow)	If N301 exceeds 55 characters, the overflow is sent in N302 Customer Service Address - City	Text	AN(4/55/30)	Not Used	Conditional Required	When an Enrollment Accept Response is being sent and the street address exceeds 55 characters, the overflow is sent in, this element. See Comment on Line 15, is required.
20	Geographic Location (Service Address)	NI Loop	N4	HDR	07070	042	State or Province Code City Name	Customer Service Address - City State	Text	ANID(2/302)	Not Used	Required	When an Enrollment Accept Response is being sent, this element is required. See Comment on Line 15.
21	Geographic Location (Service Address)	NI Loop	N4	HDR	07070	023	State or Province Postal Code	Customer Service Address - State zip code	Text	ID(2/23/15)	Not Used	Required	When an Enrollment Accept Response is being sent, this element is required. See Comment on Line 15.
22	Geographic Location (Service Address) Administrative Communicati	NN1 Loop	N4PER	HDR	07080	031	Postal Contact Function Code	Customer Service Address - zip code Code indicating that PER02 and Per03 contain contact information.	Text IC	ID(3/15) 2/2	Not Used	Required Conditional	When an Enrollment Accept Response is being sent, this element is required. See Comment on Line 15. This segment will be sent by Central Hudson in an Enrollment Accept Response transaction to

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	<u>ons Contact (Customer Phone Number)</u>												<u>provide the telephone number for the customer enrolled by Central Hudson in an ESCO Referral Program. This segment may be sent by other utilities at their discretion.</u>
23	Administrative Communications Contact (Customer Phone Number)	N1 Loop	PER	HDR	<u>08080</u>	<u>012</u>	Contact Function Code Communication Number Qualifier	Code indicating that PER02 and Per03 contain contact information in PER03 is a telephone contact.	<u>ICTE</u>	<u>ID-2/2</u>	<u>Not Used</u>	<u>Conditional</u>	This segment will be sent by Central Hudson in an Enrollment Accept Response transaction to provide the telephone number for the customer enrolled by Central Hudson in an ESCO Referral Program. This segment may be sent by other utilities at their discretion.
24	Administrative Communications Contact (Customer Phone Number)	N1 Loop	PER	HDR	<u>08080</u>	<u>023</u>	Communication Number Qualifier	Customer's phone number Code indicating the information in PER03 is a telephone contact.	<u>Phone number in the format xxxxyvzzzz or NOT AVAILTE</u>		<u>Not Used</u>		Where there is no telephone number of record this element will contain the text 'NOT AVAIL'.
25	Administrative Communications Contact (Customer Phone Number) Name (Name for Mailing)	<u>N1</u> Loop	<u>PERN1</u>	HDR	<u>08040</u>	<u>031</u>	Entity Identifier Code Communication Number	Code identifying that REF02 contains the name associated with the mailing address on the account. Customer's phone number.	<u>BTPhone number in the format xxxxyvzzzz or NOT AVAIL</u>	<u>-ID(2/3)</u>	<u>-Not Used</u>	<u>-Conditiona</u> <u>!</u>	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. Where there is no telephone number of record this element will contain the text 'NOT AVAIL'.
26	Name (Name for Address Information (Mailing) Address)	NI Loop	<u>N1</u>	HDR	<u>04040</u>	<u>012</u>	Name Entity Identifier Code	Code identifying that REF02 contains the name associated with the mailing address on the account.	<u>BTText or the literal "NAME"</u>	<u>ID(2/3)AN(1/60)</u>	<u>Not Used</u>	<u>Conditional Required</u>	When an enrollment request is accepted, the customer's mailing address must be returned on the response when the E/M is the bill presenter and the mailing address is different than the service address. When mailing address is being returned, this element is required. 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.
27	Address	NI	<u>N1</u> <u>N3</u>	HDR	<u>04060</u>	<u>021</u>	<u>Address</u>	<u>Name associated</u>	<u>Text or the</u>	<u>AN(1/60)55</u>	<u>Not Used</u>	<u>Required</u> <u>C</u>	When mailing address is being

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	Information (Mailing Address)	Loop					Information Name	with the mailing address Mailing Address - Street	literal "NAME"			conditional	returned, this element the N3 segment is required. - See Comment on Line 26.
28	Address Information (Mailing Address)	NI Loop	N3	HDR	06060	012	Address Information	Mailing Address - Street 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 N3 segment is required. - See Comment on Line 26-overflow when the street address exceeds 55 characters.
29	Address Information Geographic Location (Mailing Address)	NI Loop	N3N4	HDR	06070	021	City Name Address Information	If N301 exceeds 55 characters, the overflow is sent in N302 Mailing Address - City	Text	AN(4/55/30)	Not Used	Conditional	When mailing address is being returned, this element the N4 segment is only used for the overflow when the street address exceeds 55 characters. - See Comment on Line 26-required.
30	Geographic Location (Mailing Address)	NI Loop	N4	HDR	07070	012	State or Province Code City Name	Mailing Address - City State/Province	Text	AN(2/902)	Not Used	Conditional Required	When mailing address is being returned, the N4 segment this element is required. - See Comment on Line 26.
31	Geographic Location (Mailing Address)	NI Loop	N4	HDR	07070	023	State or Province Postal Code	Mailing Address - State/Province - zip code	Text	ID(2/23/15)	Not Used	Required	When mailing address is being returned, this element is required. See Comment on Line 26.
32	Geographic Location (Mailing Address)	NI Loop	N4	HDR	07070	034	Postal Country Code	Mailing Address - zip code Country Code	Text	ID(2/3/45)	Not Used	Required Conditional	When mailing address is being returned, this element is required. See Comment on Line 26-not used for domestic mailing addresses.
33	Geographic Location (Mailing Address) Item Identification	NI LIN Loop	N4 LIN	HDR DTL	07010	041	Assigned Identification Country Code	Mailing Address - Country Code Unique identifier assigned to this LIN request	Text Unique ID for each LIN request generated by the sender	ID(2/3AN(1/20))	Not Used Required	Conditional Required	See Comment on Line 26. This element is not used for domestic mailing addresses. 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.
34	Item Identification	LIN Loop	LIN	DTL	04010	042	Product/Service ID Qualifier Assigned Identification	Unique identifier assigned to this LIN request Indicates a service is being requested	Unique ID for each LIN request generated by the sender SH	AN(1/20ID(2/2))	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.
35	Item Identification	LIN Loop	LIN	DTL	04010	023	Product/Service ID - Qualifier	Indicates a service is being requested Commodity Type	SHEL or GAS	ID(2/2AN(1/48))	Required	Required	- Only one commodity type per 814 transaction (either request or response).
36	Item	LIN	LIN	DTL	04010	034	Product/Service	Commodity	EL or GASSH	AN(1/48ID(Required	Required	Only one commodity type per 814

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	Identification	Loop					ce ID Qualifier	TypeIndicates a service is being requested		2/2)			transaction (either request or response)-
37	Item Identification	LIN Loop	LIN	DTL	04010	045	Product/Service ID-Qualifier	Indicates a service is being requested Type of Request	SHCE=Enrollment GP=Gas Profile HU=Historic Usage	ID(2/2)AN(1/48)	Required At least one on every request	Required 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.
38	Item Identification Action or Status Indicator	LIN Loop	LINASI	DTL	04020	051	Product/Service IDAction Code	Type of RequestIndicator of the action or status of the LIN request	CE=Enrollment GP=Gas Profile HU=Historic Usage 7=Request AC=Acknowledge U=Reject WQ=Accept	ANID(1/482)	At least one on every request required	At least one on every response required	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 Keyspan and Con Edison. 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.
39	Action or Status Indicator	LIN Loop	ASI	DTL	02020	042	ActionMaintenance Type Code	Indicator of the action or status of the LIN requestUsed to differentiate between inquiries and other actions.	7=Request AC=Acknowledge U=Reject WQ=Accept 021=CE 029=GP or HU	ID(1/23/3)	Required	Required	ASI01 must be "7" for all requests. AC, U, WQ codes are used for responses. A REF1P (see line 65) may be used to provide additional clarification when "AC" is used on the response.
40	Action or Status IndicatorReference Identification (Reject Response Reasons)	LIN Loop	ASIREF	DTL	02030	021	Maintenance Type CodeReference Identification Qualifier	Used to differentiate between inquiries and other actions. Code indicating that REF02 contains a reason for rejecting the LIN request.	021=CE 029=GP or HU 7G	ID(3/2/3)	Required Not Used	Required 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.
41	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	03030	042	Reference Identification Qualifier	Code indicating that REF02 contains a reason for rejecting the LIN request.	7Grefer to codes listed in 814e IG	ID(2/3)AN(1/30)	Not Used	Conditional Required	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. 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.
42	Reference Identification (Reject Response)	LIN Loop	REF	DTL	03030	023	DescriptionReference Identification	Used to qualify an A13 or other codes sent in REF02	refer to codes listed in 814e IGtext	AN(1/30)80)	Not Used	Required Conditional	When a REF*7G is being sent REF02=A13, this element is required. A13 should only be sent to clarify the reject reason. REF03 may also

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	Reasons)												be used infrequently, i.e. when needed to provide further clarification of the reject reason when REF02 contains other codes are sufficient.
43	Reference Identification (Reject Response Reasons Information or Warnings)	LIN Loop	REF	DTL	03030	031	Reference Identification Qualifier Description	Used to qualify an A13 or other codes sent in REF02Code indicating that REF02 contains information associated with an accepted LIN request.	text1P	AN(1/80)ID(2/3)	Not Used	Conditional Optional	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. This segment may be sent to assist in clarifying an Accept Response.
44	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 contains information associated with an accepted LIN request.	4PA13, API, FRB, HUL, 101, 102	ID(2/3)AN(1/30)	Not Used	Optional	This segment may be sent to assist in clarifying an Accept Response.
45	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	03030	023	Description Reference Identification	Used to qualify an A13 in REF02	A13, API, FRB, 101, 402text	AN(1/30)ID(2/3)	Not Used	Optional 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.
46	Reference Identification (Response Information or Warnings ESCO Customer Account Number)	LIN Loop	REF	DTL	03030	031	Reference Identification Qualifier Description	Used to qualify an A13 in REF02Code indicating that the REF02 element contains the ESCO assigned account number for the customer	text11	AN(1/80)ID(2/3)	Not Used Conditional	Conditional Optional	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. 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.
47	Reference Identification (E/M ESCO Customer Account Number)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that the REF02 element contains the E/M assigned Customer's account number for the customer	11Account #	ID(2/3)AN(1/30)	Conditional Required	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. When a REF*11 is sent, this element is required.
48	Reference Identification (E/M Customer Utility Account Number)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Customer's Code indicating that the REF02 element contains the Utility assigned account number for the customer	Account #12	AN(1/30)ID(2/3)	Required	Optional Required	The customer's utility number is used for validation and must be present in all transactions. When a REF*11 is sent, this element is required. See Comment on Line 47.
49	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that the REF02 element contains the Utility assigned account number for the customer Customer's	42Account #	ID(2/3)AN(1/30)	Required	Required	When a REF*12 is sent, this element is required. The customer's utility number is used for validation and must be present in all transactions.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
50	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	03030	023	Description Reference Identification	Customer's account number Un-metered service designator (electric accounts only)	Account #U	AN(1/3080)	Required Conditional	Required 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. When a REF*12 is sent, this element is required. The electing utility's Response transaction will contain this element if present in the Request transaction.
51	Reference Identification (Previous Utility Account Number)	LIN Loop	REF	DTL	03030	031	Reference Identification Qualifier Description	Un-metered service designator (electric accounts only) Code indicating that REF02 contains the Utility's previous account number for the customer	U45	AN(1/80ID(2/3))	Conditional Not Used	Conditional	This element is only sent in Requests to, or provided in Responses from, O&R when the E/M is enrolling only the un-metered service on an electric account that includes both metered and un-metered service. Required if Utility customer account number has changed within the last 90 days. When the Request pertains to all service on an electric account this element is not used. The O&R Response transaction will contain this element if present in the Request transaction.
52	Reference Identification (Previous Utility Account Number)	LIN Loop	REF	DTL	03030	042	Reference Identification Qualifier	Code indicating that REF02 contains the Utility's previous Customer's old account number for the customer	45Account #	ID(2/3AN(1/30))	Not Used	Conditional Required	Required if Utility customer account number has changed within the last 90 days. When a REF*45 is returned, this element is required.
53	Reference Identification (Previous Utility Account Number for ESCO)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Customer's old Code indicating that REF02 contains a Utility assigned account number for the ESCO.	Account #AJ	AN(1/30ID(2/3))	Not Used Conditional	Required Conditional	When a REF*45 is returned, this element is required. See comment on Line 52. This segment may be provided on requests and responses by mutual agreement of the trading partners.
54	Reference Identification (Utility Account Number for ESCO/Marketer)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 contains a Utility assigned account number for the ESCO/Marketer.	AJAccount #	ID(2/3AN(1/30))	Conditional Required	Conditional Required	This segment may be provided on requests and responses by mutual agreement of the trading partners. When a REF*AJ is being sent, this element is required.
55	Reference Identification (Utility Account)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Utility account number for the ESCO/Marketer Code indicating that REF02	Account #65	AN(1/30ID(2/3))	Required Not Used	Required Conditional	When a REF*AJ is being sent, this element is required. This segment must be sent in an Enrollment Accept Response.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	Number for ESCO/Market Meter Cycle Code							contains the meter cycle code for the account being enrolled.					
56	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 contains the meter cycle code for the account being enrolled.	65Meter cycle code	ID(2/3AN(1/30)	Not Used	Conditional Required	This segment must be sent in an Enrollment Accept Response. When a REF*65 is sent, this element is required.
57	Reference Identification (Meter Cycle Code)	LIN Loop	REF	DTL	03030	023	Description Reference Identification	Description of the normal reporting period covered by usage data to be sent on the 867.	Meter cycle code MON, BIM, QTR	AN(1/3080)	Not Used	Required Conditional	When a REF*65 is sent, this element may be sent if the data in REF02 is required. See comment on Line 56-not sufficiently descriptive.
58	Reference Identification (Meter Bill Cycle Code)	LIN Loop	REF	DTL	03030	031	Reference Identification Description	Description of the normal reporting period covered by usage data to be sent on the 867. Code indicating that the data contained in REF02/03 describes the bill cycle for the customer being enrolled.	MON, BIM, QTR, BF	AN(1/80)ID(2/3)	Not Used	Conditional	When a REF*65 is sent, this element may be sent if the data in REF02 is not sufficiently descriptive. This segment must be sent in an Enrollment Accept Response.
59	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code Number indicating that the data contained in REF02/03 describes the billing cycle for the customer being enrolled.	BF cycle code	ID(2/3AN(1/30)	Not Used	Conditional Required	This segment must be sent in an Enrollment Accept Response. When a REF*BF is sent, this element is required.
60	Reference Identification (Bill Cycle Code)	LIN Loop	REF	DTL	03030	023	Description Reference Identification	Number indicating billing cycle how frequently the customer is billed.	cycle code MON, BIM, QTR	AN(1/3080)	Not Used	Required Conditional	When a REF*BF is sent, this element may be sent if the data in REF02 is required. See comment on Line 59-not sufficiently descriptive.
61	Reference Identification (Bill Cycle Code Presenter)	LIN Loop	REF	DTL	03030	031	Reference Identification Description	text Code indicating how frequently REF02 identifies the customer is billed, bill presenter	MON, BIM, QTR, BLT	AN(1/80)ID(2/3)	Required Not Used	Conditional	When a REF*BF is sent, this element may be sent if the data in REF02 is not sufficiently descriptive. This segment is required in Enrollment Request and Enrollment Accept Response transactions to request or confirm the customer's bill option.
62	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating REF02 identifies the bill presenter.	BLT DUAL, ESP, or LDC	ID(2/3AN(1/30)	Required	Required	This When a REF*BLT segment is present, this element is required. ESP should be used when the Single Retailer Model is in Enrollment Request effect (NFG) or there is a Billing Agency relationship between the utility and Enrollment Accept Response transactions to request or confirm the customer's bill option. —the

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
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63	Reference Identification (Bill Presenter)	LIN Loop	REF	DTL	03030	023	Description Reference Identification	-If REF02=ESP and NY Billing Agency Model will be used.	DUAL, ESP, or LDC text = AGENT	AN(1/3080)	Required Conditional	Required Not Used	When a REF*BLT segment is present, this element is required. ESP should be used when the Single Retailer Model ESCO is in effect (NFG) or there is a bill presenter and will use the NY Billing Agency relationship between the utility and the ESCO. See Comment on Line 62. Model (designated ESCOs in Con Edison's service territory only).
64	Reference Identification (Bill Presenter Calculator)	LIN Loop	REF	DTL	03030	031	Reference Identification Qualifier Description	If REF02=ESP and NY Billing Agency Model will be used. Code indicating REF02 identifies the bill calculator	text = AGENT PC	AN(1/80)ID(2/3)	Required Conditional	Conditional Not Used	Required in Enrollment Requests and Accept Responses to identify which entity will calculate billed charges. When a REF*BLT segment is sent, this element is required when the E/M is the bill presenter and will use the NY Billing Agency Model (designated ESCOs in Con Edison's service territory only). 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.
65	Reference Identification (Bill Calculator)	LIN Loop	REF	DTL	03030	042	Reference Identification Qualifier	Code indicating REF02 identifies Each party calculates their own charges or Utility is the bill calculator	PCDUAL or LDC	ID(2/3)AN(1/30)	Required	Required	When a REF*PC is being sent, this element is required. Required in Enrollment Requests and Accept Responses to identify which entity will calculate billed charges. If REF02=LDC the bill option indicated in a Request transaction, the E/M must send either an AMT segment in via the LIN loop (AMT*RJ and/or AMT*FW) or a REF*RB REF*BLT and REF*PC segments is not offered in the NM1 Loop or service territory of the recipient utility the transaction will be rejected by every utility except those that elect to will accept the enrollment request will be rejected but will send a REF 1P indicating "incorrect billing option requested".
66	Reference Identification (Bill Calculator Current Budget Billing Status)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Each party calculates their own charges or Utility is the bill calculator. Code indicating that REF02 will contain data on customer's budget billing status with the ESCO (req) and the Utility (resp).	DUAL or LDC NR	AN(1/30)ID(2/3)	Conditional Required	Conditional Required	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. When a REF*PC is being sent, this element is required (See Comment on Line 65). If the bill option indicated in a Request transaction, via the REF*BLT and REF*PC segments is not offered in

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
													the service territory of the recipient utility the transaction will be rejected by every utility except Keyspan. Keyspan will accept the enrollment request but will send a REF-1P indicating "incorrect billing option requested".
67	Reference Identification (Current Budget Billing Status)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02The enrolling customer is (resp) or will contain database (req) on customer's budget billing status with the E/M (req) and the Utility (resp).	NR _Y	ID(2/3)AN(1/30)	Required Conditional	Conditional Required	If present on the Request, the customer will be on budget billing with the E/M/When a REF*NR is being sent, this element is required. If present on the Enrollment Accept Response, the customer is currently on budget billing with the Utility.
68	Reference Identification (Current Budget Billing Status ESCO Late Fees)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	The enrolling customer is (resp) or will be (req) on budget billing. 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).	YLF	AN(1/30)ID(2/3)	Required Conditional	Required Conditional	When a REF*NR is being sent, this element is required. See Comment on Line 67. This segment is required in Request transactions sent to NFG 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.
69	Reference Identification (E/M ESCO Late Fees)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 will indicate whether late/late fees will/will not be assessed by the utility/Billing Party on E/M/ESCO past due amounts for account being enrolled (Pay-As-You-Get-Paid Model only).	LFN2_Y2	ID(2/3)AN(1/30)	Conditional Required	Conditional Required	This segment is required in Request transactions sent to NFG when the customer's bill option is Utility Rate Ready consolidated billing and the payment method is Pay-As-You-Get-Paid. NFG may return this segment in an Enrollment Accept Response transaction. This element is required when a REF*LF segment is being sent.
70	Reference Identification (E/M Late Fees Partial Participation Portion)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Late-fees will/will notCode indicating that REF02 contains data on the load to be assessed/supplied by the Billing Party on E/M past due amounts/ESCO for account being enrolled/partial requirements customers.	N2_Y2PGC	AN(1/30)ID(2/3)	Required Conditional	Required Conditional	This segment is required by some utilities when the customer being enrolled is a partial requirements customer, i.e. a portion of the customer's 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. This element is required when a REF*LF segment is being sent.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
71	Reference Identification (Partial Participation Portion)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 contains data on the load to be supplied by the E/M for partial requirements customers. ESCO will serve base load or total load.	B (base) or T (total) PGC	ID(2/3)AN(1/30)	Conditional Required	Conditional Required	This segment is required for RG&E and NYSEG. When a REF*PGC is being sent, this element is required. When the customer being enrolled is a partial requirements customer, i.e., a portion of the customer's 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.
72	Reference Identification (Partial Participation Portion Customer on Life Support)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	E/M will serve base load or total load. Code indicating that REF02 contains data on customers need for life support equipment.	SUB (base) or T (total)	AN(1/30)ID(2/3)	Required Conditional	Required Optional	When a REF*PGC is being sent, this element is required. See Comment on Line 71. 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.
73	Reference Identification (Customer on Life Support)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 contains data on customers need for life support equipment. is necessary or is being investigated.	SU, N, or Y	ID(2/3)AN(1/30)	Conditional Required	Optional Required	Must be present in Request transactions for the Single Retailer Model (NFG) or the Enrollment may be rejected. May be returned in an Enrollment Accept Response at the option of the Utility. When a REF*SU is being sent, this element is required.
74	Reference Identification (Customer on Life Support Gas Pool ID)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Indicates whether life support equipment is necessary or is being investigated. Code indicating that REF02 identifies the id for the gas pool for the customer being enrolled.	I, N, or YVI	AN(1/30)ID(2/3)	Required Conditional	Optional 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. When a REF*SU is being sent, this element is required. See Comment on Line 73. If this segment is not present in Requests sent to utilities that require Gas Pool IDs, the enrollment will be rejected.
75	Reference Identification (Gas Pool ID)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 identifies the The pool id for the gas pool for the sub-grouping of customers that the enrolling customer being enrolled will be assigned to.	VID#	ID(2/3)AN(1/30)	Conditional Required	Conditional Required	This segment must be sent when the Enrollment Request is for Gas service and the E/M has been assigned more than one Gas Pool ID for their customers. When REF*VI is sent, this element is required. Must be returned on the Response if sent on the Request. If this segment is not present in Requests sent to National Fuel, RG&E, NYSEG and

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
76	Reference Identification (Gas Pool ID/Capacity Assignment/Obligation)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	The pool id for the sub-grouping of customers that the enrolling customer will be assigned to. Code indicating that REF02 contains data on pipeline capacity	ID#GC	AN(1/30)ID(2/3)	Required Conditional	Required Conditional	Consolidated Edison, the enrollment will be rejected. When REF*VI is sent, this element is required. See Comment on Line 75-Gas Enrollments Only. Use this segment to convey intended or obligated pipeline capacity requirements necessary to meet the needs of the end use customer. Not used when commodity is electric. Required on the Request when supported by the Utility. Will be returned in the Enrollment Accept Response when received on the Request and supported by the Utility.
77	Reference Identification (Gas Capacity Assignment/Obligation)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 contains data on pipeline capacity 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_NGC	ID(2/3)AN(1/30)	Conditional Required	Conditional Required	Gas Enrollments-Only. Use this segment to convey intended or obligated pipeline capacity requirements necessary to meet the needs of the end use customer. Not used when commodity is electric. Required on the Request when supported by the Utility. Will be returned in the Enrollment Accept Response when received on the Request and supported by the Utility. When REF*GC is being sent, this element is required.
78	Reference Identification (Gas Capacity Assignment/Obligation/Supply Service Options)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	E/M will Code indicating that REF02 designates the balancing or must, take assignment of utility's pipeline capacity storage option for the customer being enrolled (Y) or E/M will arrange for pipeline capacity (N).	GSY or_N	AN(1/30)ID(2/3)	Conditional Required	Required 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. When REF*GC is being sent, this element is required. See Comment on Line 77.
79	Reference Identification (Gas Supply Service Options)	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating that REF02 designates the balancing Balancing or storage option for the customer being enrolled gas delivery	GSB or_S	ID(2/3)AN(1/30)	Conditional Required	Required	Gas Enrollments Only. Required on the Request for Orange & Rockland and National Grid. When REF*GS is being sent, this element is required. 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.
80	Reference Identification (Gas Supply Service)	LIN Loop	REF	DTL	03030	023	Description Reference Identification	Used to qualify the Balancing or storage service option for gas delivery	BD or_SM	AN(1/30)80	Required Conditional	Required Conditional	When REF*GS is being sent, AND REF02="B", this element is required. See Comment must be sent on Line 79-Requests to National Grid to

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	Options												indicate the balancing period (Daily or Monthly).
81	Reference Identification (Gas Supply Service Options Human Needs Customer)	LIN Loop	REF	DTL	03030	031	Reference Identification Qualifier	Used to qualify the Balancing service option Code used to specify that the value in REF02 will indicate whether this customer is a human needs customer.	D or MALC	AN(1/80)ID(2/3)	Conditional	Not Used Conditional	When REF*GS is being sent AND REF02="B", this element must be sent on Requests to National Grid to indicate the balancing period (Daily or Monthly). This segment should be present in Request transactions sent to National Grid when the commodity is GAS and the non-residential customer being enrolled meets the definition of a human needs customer as described in Grid's tariffs. This segment may be provided in Enrollment Requests sent to other utilities based on the mutual agreement of the parties.
82	Reference Identification (Human Needs Customer)	LIN Loop	REF	DTL	03030	042	Reference Identification Qualifier	Code used to specify that the value in REF02 will indicate whether this customer is a human needs customer. (Y) or this customer is NOT a human needs customer (N).	ALCY or N	ID(2/3)AN(1/30)	Conditional Required	Not Used	This segment should be present in Request transactions sent to National Grid when the commodity is GAS and the non-residential customer being enrolled meets the definition of a human needs customer as described in Grid's tariffs. This segment may be provided in Enrollment Requests sent to other utilities based on the mutual agreement of the parties. 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.
83	Reference Identification (Human Needs Customer) ISO Location Based Marginal Pricing Zones	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	This customer is a human needs customer (Y) or this customer is NOT a human needs customer (N). Code indicating that REF02 will identify the LBMP zone in which the customer being enrolled resides.	Y or NSPL	AN(1/30)ID(2/3)	Required Not Used	Not Used Conditional	When REF*ALC is sent in the Enrollment Request, this element is required. See Comment on Line 82. Please see the segment notes in the IG for a more detailed definition of human needs customers. Must be present on an Accept Response pertaining to electric enrollments.
84	Reference Identification (ISO Location Based Marginal Pricing Zones)	LIN Loop	REF	DTL	03030	042	Reference Identification Qualifier	Code indicating that REF02 will identify the LBMP zone in which the customer being enrolled resides.	SPLA thru K, M, O, & P	ID(2/3)AN(1/30)	Not Used	Conditional Required	Must be present on an Accept Response pertaining to electric enrollments. When a REF*SPL is being sent, this element is required.
85	Reference Identification (ISO Location Based Marginal Pricing Zones)	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Code indicating that REF02 contains the Account Settlement Indicator for the account requested.	A thru K, M, O, & PTDT	AN(1/30)ID(2/3)	Not Used	Required Conditional	When a REF*SPL is being sent, this element is required. See comment on Line 84. Required when the service being requested is Electric.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
86	Pricing Zones)Account Settlement Indicator	LIN Loop	REF	DTL	03030	012	Reference Identification Qualifier	Code indicating portion of a non-residential how the usage is settled with NYISO for the account that is taxed at a residential rate requested.	RPC=Class Load Shape_H=Hourly_M=Mixed	ID(2/3)AN(1/30)	Conditional Not Used	Optional Required	This segment must be sent on Requests to National Grid and Orange & Rockland 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. When REF*TDI is being sent, this element is required.
87	Reference Identification (Portion Taxed Residential)NYPA Discount Indicator	LIN Loop	REF	DTL	03030	021	Reference Identification Qualifier	Code indicating that REF02 contains the NYPA Discount Indicator for the account requested.	YP20 thru 27	AN(1/30)ID(2/3)	Required Not Used	Required Conditional	When a REF*RP is being sent, this element is required. 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.
88	Date/Time Reference (Assigned Service Start Date)Identification (NYPA Discount Indicator)	LIN Loop	DTMREF	DTL	04030	012	Date/Time Qualifier Reference Identification	Code indicating that REF02 contains whether the effective date for an enrollment account requested participates in the NYPA Discount Indicator.	150N=No, the customer does not participate in the program Y=Yes, the customer does participate in the program	ID(3/3)AN(1/30)	Not Used	Conditional Required	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 the customer contacted the Utility to participate in an ESCO Referral Program (if applicable), the date new Delivery Service was established for the customer (if applicable) and the customer's meter reading cycle date. When REF*YP is being sent, this element is required.
89	Date/Time Reference (Assigned Service Start Date)Identification (Utility Discount Indicator)	LIN Loop	DTMREF	DTL	04030	021	Reference Identification Qualifier Date	Code indicating that REF02 contains the Utility Discount Indicator for the account requested.	CCYYMMDDSG	DT(8/8)ID(2/3)	Not Used	Required Conditional	When a DTM*150 is being sent, this element is required. 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.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
90	Monetary Amount (E/M Budget Plan Installment Amount) Reference Identification (Utility Discount Indicator)	LIN Loop	AMTREF	DTL	06030	042	Amount Qualifier Code Reference Identification	Code indicating that AMT02 contains whether the installment amount that should appear on account requested receives a Discount or Incentive Rate from the customer's consolidated bill for a budget plan negotiated with the E/Utility.	B5N=No, there are no Utility Discounts/Incentive Rates Y=Yes, there are Utility Discounts/Incentive Rates program	IDAN(1/330)	Conditional/Not Used	Optional/Required	This segment must be present in Request transactions sent to NFG 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 E/M negotiated budget plan. When REF*SG is being sent, this element is required.
91	Monetary Amount (E/M Budget Plan Installment Amount) Reference Identification (Industrial Classification Code)	LIN Loop	AMTREF	DTL	06030	021	Reference Identification Monetary Amount	Budget Plan Installment Amount Code indicating that REF02 contains the Industrial Classification Code for the account.	Whole numbers of the form xxx or xx (e.g. 400 or 75)J	R(1/48)D(2/3)	Required/Not Used	Required/Conditional	When a AMT*B5 segment is sent this element is required. Required when the information is available in the utility's system.
92	Monetary Amount (E/M Budget Plan Balance Amount) Reference Identification (Industrial Classification Code)	LIN Loop	AMTREF	DTL	06030	042	Amount Qualifier Code Reference Identification	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. The Industrial Classification Code for the account.	BD	IDAN(1/330)	Conditional/Not Used	Optional/Required	When REF*IJ is being sent, this element is required. This segment must be present in Request transactions sent to NFG 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
93	Monetary Amount (E/M Budget Plan Balance Amount) Reference Identification (Industrial Classification Code)	LIN Loop	AMTREF	DTL	06030	023	Monetary Amount Description	Budget Plan Balance Amount Code indicating whether REF02 contains the SIC or the NAISC Code.	0.00 or 0.00NAISC= REF02 contains NAISC Code SIC=REF02 contains SIC Code	RAN(1/480)	Required/Not Used	Required	When an AMT*BD segment REF*IJ is being sent, this element is required.
94	Monetary Amount (Tax Exemption Percent) Reference Identification (Utility Tax Exempt Status)	LIN Loop	AMTREF	DTL	06030	041	Amount Reference Identification Qualifier Code	Code indicating that AMT02 indicates that portion of REF02 contains the E/M's service that is tax exempt Utility Tax Exempt Status for the account being enrolled requested.	DPTX	ID(42/3)	Conditional/Not Used	Not Used/Required	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 ESCO/Marketers service is tax exempt. This element is required.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
95	Monetary Amount (Tax Exemption Percent) Reference Identification (Utility Tax Exempt Status)	LIN Loop	AMTREF	DTL	06030	022	Reference Identification Monetary Amount	1=100%...Numbers less than one indicate percent.Code indicating the Utility's Tax Exempt Status at the time the transaction was created for the account requested.	0-000N=No Exemption, the customer is fully taxed for distribution charges. Y=Yes, the customer has some level of tax exemption for distribution charges.	RAN(1/183 Q)	Required	Not Used Required	When an AMT*DP segment REF*TX is being sent, this element is required. See Comment on Line 94.
96	Monetary Amount (Commodity Price) Reference Identification (Portion Taxed Residential)	LIN Loop	AMTREF	DTL	06030	041	Amount Reference Identification Qualifier Code	Code indicating that AMT02 contains the E/M commodity price for the portion of a non-residential account being enrolled when the E/M will charge a fixed that is taxed at a residential rate per unit of commodity.	RJRP	ID(12/3)	Conditional	Conditional Optional	Must be present in an Enrollment Request. 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 and the E/M will charge a fixed price per unit of commodity account being enrolled. Will be returned in an Accept Response if present on the Request. Rate codes cannot be sent in this segment (see Line 121 below). When an Enrollment Accept Response transaction is initiated by the utility but there a non-residential account and a portion of the account is no corresponding Request transaction, this taxed at a residential rate. This segment may contain 00.0 or a dummy number assigned by be present in the Enrollment Accept Response at the utility (in these instances a Change transaction may be sent by option of the E/M to provide the actual commodity price, where applicable). Utility.
97	Monetary Amount (Commodity Price) Reference Identification (Portion Taxed Residential)	LIN Loop	AMTREF	DTL	06030	022	Reference Identification Monetary Amount		20 thru 270.00	RAN(1/183 Q)	Required	Required	When an AMT*RJ segment a REF*RP is being sent, this element is required. See Comments on Lines 96, 98 and 124 for the options available for sending price information to the utility bill calculator.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
98	Monetary Amount (E/M Fixed Charge)Date/Time Reference (Assigned Service Start Date)	LIN Loop	AMTDTM	DTL	06040	041	AmountDate/Time Qualifier Code	Code indicating that AMT02REF02 contains the E/Ms fixed charge per billing period effective date for an enrollment.	FW150	ID(43/3)	Conditional/Not Used	Conditional	Must be present in an Enrollment Request when the bill option is Utility rate ready consolidated billing and the E/M will assess their customers a fixed charge per billing period in addition to, or in lieu of, a price per unit of commodity. 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 the customer contacted the Utility to participate in an ESCO Referral Program (if applicable), the date new Delivery Service was established for the customer (if applicable) and the customer's meter reading cycle date. -Will be returned in an Accept Response if present on the Request. Rate codes cannot be sent in this segment (see Line 124 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 E/M to provide the actual commodity price, where applicable).
99	Monetary Amount (E/M Fixed Charge)Date/Time Reference (Assigned Service Start Date)	LIN Loop	AMTDTM	DTL	06040	022	DateMonetary Amount		0.00CCYYM MDD	R(4/48DT(8/8))	Required/Not Used	Required	When an AMT*FW segment a DTM*150 is being sent, this element is required. See Comments on Line 98.
100	Monetary Amount (Customer's Tax Rate for E/M Charges -1)Date/Time Reference (ICAP Effective Dates)	LINPTD Loop	AMTDTM	DTL	06020	041	AmountDate/Time 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 E/M charges or the portion of the E/M account that is taxed at a residential rate. See REF*RP	9MAB2	ID 43/3	Conditional/Not Used	Conditional Optional	This segment is sent by an E/M to provide the tax rate used to calculate taxes on the E/M charges, at the discretion of the utility, when the customers bill option is Utility Rate Ready consolidated billing. The Utility may provide an effective date range for the ICAP data provided in AMT*KZ in an Enrollment Accept Response. When an AMT*DP segment is present (Tax Exemption Percent) and the AMT02 element in

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
								segment above. Code indicating that this DTM segment identifies the effective dates associated with the ICAP data provided.					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 E/M account. If present in a Request transaction, this segment may be echoed back in the Response transaction, at the discretion of the utility.
101	Monetary Amount (Customer's Tax Rate for E/M Charges -1) Date/Time Reference (ICAP Effective Dates)	LINPT D Loop	AMTDT M	DTL	06020	025	Date Time Period Format Qualifier Monetary Amount	Code indicating that the value sent element 06 in this segment will be a Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD.	0.00RD8	R(1/18)ID 2/3	Required Not Used	Required	When an AMT*9M segment a DTM*AB2 is being sent, this element is required. See Comments on Line 100.
102	Monetary Amount (Customer's Tax Rate for E/M Charges -2) Date/Time Reference (ICAP Effective Dates)	LINPT D Loop	AMTDT M	DTL	06020	046	Date Time Period 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 E/M account that is taxed at a commercial rate. See REF*RP segment above. Period expressed in the format CCYYMMDD-CCYYMMDD.	9N	IDAN 1/335	Conditional Not Used	Conditional Required	This segment is sent, at the discretion of the utility, by an E/M to provide the tax rate used to calculate taxes on the commercial portion of the E/M account, when the customer's bill option is Utility Rate Ready consolidated billing and a REF*RP segment is present in the transaction. When a DTM*AB2 is being sent, this element is required. If present in a Request transaction, this segment may be echoed back in the Response transaction, at the discretion of the utility.
103	Monetary Amount (Customer's Tax Rate for E/M Charges -2) Date/Time Reference (Future ICAP Effective Dates)	LINPT D Loop	AMTDT M	DTL	06020	021	Date/Time Qualifier Monetary Amount	Code indicating that this DTM segment identifies the effective dates associated with the future ICAP data provided.	0.00AB4	R(1/18)ID 3/3	Required Not Used	Required Optional	When an AMT*9N segment is sent, this element is required. See Comments on Line 102. The Utility may provide an effective date range for the future ICAP data in AMT*8B in an Enrollment Accept Response.
104	Monetary Amount (Electric Capacity Assignment) Date/Time Reference	LINPT D Loop	AMTDT M	DTL	06020	045	Amount Date Time Period Format Qualifier Code	Code indicating that AMT02 contains the peak load contribution for the electric customer being enrolled. value sent element 06 in	KZRD8	ID(1 2/3)	Not Used	Conditional Required	Will be returned on an Accept Response for electric enrollment requests sent to Orange & Rockland. When a DTM*AB4 is being sent, this element is required.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	(Future ICAP Effective Dates)							this segment will be a Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD.					
105	Monetary Amount (Electric Capacity Assignment) Date/Time Reference (Future ICAP Effective Dates)	LINPTD Loop	AMTDTM	DTL	06020	026	Date Time Period Monetary Amount	-Period expressed in the format CCYYMMDD-CCYYMMDD	0-0000	R(AN 1/18)35	Not Used	Required	When an AMT*KZ segment DTIM*AB4 is being sent, this element is required. See Comments on Line 104.
106	Metered or Unmetered Service Point Monetary Amount (ESCO Budget Plan Installment Amount)	NM1LIN Loop	NM1AMT	DTL	08060	011	Entity Identifier Amount Qualifier Code	Code indicating that this NM1 loop AMT02 contains delivery point or meter related information, the installment amount that should appear on the customer's consolidated bill for a budget plan negotiated with the ESCO.	MQB5	ID(2/3)	Conditional	Conditional Optional	An NM1 Loop is required in a Request transaction when the bill option is Utility Rate Ready consolidated billing and the E/M will communicate pricing information by sending a rate code rather than using the REF*RJ or REF*FW segments in the header. This segment must be present in Request transactions sent to NFG when REF*BL=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. -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.
107	Metered or Unmetered Service Points Monetary Amount (ESCO	NM1LIN Loop	NM1AMT	DTL	08060	022	Monetary Amount Entity Type Qualifier	Required by X12 Budget Plan Installment Amount	3Whole numbers of the form xxx or xx (e.g. 100 or 75)	IDR(1/18)	Required	Required	When an NM1-MQAMT*B5 segment is being sent, this element is required.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
108	Metered or Unmetered Service Points Monetary Amount (ESCO Budget Plan Balance Amount)	NM1 LIN Loop	NM4AMT	DTL	08060	081	Identification Code Monetary 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. Use 32 to indicate that NM100 contains a meter number. Use 93 to indicate that NM100 is not a meter number.	BD32-09-93	ID(1/23)	Required Conditional	Required Not Used	This segment must be present in Request transactions sent to NFG 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. When an NM1~MQ segment is being sent, this element is required.
109	Metered or Unmetered Service Points Monetary Amount (ESCO Budget Plan Balance Amount)	NM1 LIN Loop	NM4AMT	DTL	08060	092	Identification Code Monetary Amount	-Budget Plan Balance Amount	0.00 or -0.00 meter # or text ("ALL", or "UNMETERED")	AN(2/80R/1/18)	Required	Required Not Used	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 on Line 51 for the treatment of unmetered service on an electric account in Orange & Rockland's service territory.) When an AMT*BD segment is sent this element is required.
110	Reference Identification (Utility Rate Service Class) Monetary Amount (Tax Exemption Percent)	NM1 LIN Loop	REFAMT	DTL	43060	041	Reference Identification Monetary Amount Qualifier Code	Code indicating that REF02 contains AMT02 indicates that portion of the utility rate class ESCO's service that is tax exempt for the customer account being enrolled.	NHDP	ID(2/3)	Not Used Conditional	Conditional Not Used	This segment must be present in an Enrollment Accept Response. For NFG Request when the payment processing billing option for utility is Utility Rate Ready consolidated billing may be either POR and some or Pay-As-You-Get-Paid and may be determined by reference to all of the ESCOs service class data provided in an Accept Enrollment Response transaction is tax exempt.
111	Reference Identification (Utility Rate Service Class) Monetary Amount (Tax Exemption Percent)	NM1 LIN Loop	REFAMT	DTL	43060	022	Monetary Amount Reference Identification	-1=100%. Numbers less than one indicate percent.	0.0000 Text	ANR(1/301/8)	Not Used Required	Required Not Used	When a REF*NH an AMT*DP segment is being sent, this element is required. See Comment on Line 110.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
112	Reference Identification (Rate-Sub Class)Monetary Amount (Commodity Price)	NM4 LIN Loop	REFAMT	DTL	43060	041	Reference Identification Amount Qualifier Code	Code indicating that REF02AMT02 contains the utility rate-subclass ESCO commodity price for the customer account being enrolled- when the ESCO will charge a fixed rate per unit of commodity.	PRRJ	ID(21/3)	Not Used 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 This segment must be present in an Enrollment Accept Response when a rate-subclass exists for the account being enrolled- 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).
113	Reference Identification (Rate-Sub Class)Monetary Amount (Commodity Price)	NM4 LIN Loop	REFAMT	DTL	43060	022	Monetary Amount Reference Identification		0.00 Text	ANR(1/3018)	Not Used Required	Required	When a REF*PRan AMT*RJ segment is being sent, this element is required. See Comment on Line 112-AMT*RJ, AMT*FW and REF*RB for the options available for sending price information to the utility bill calculator.
114	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).
115	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.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
116	<u>Monetary Amount (Customer's Tax Rate for ESCO Charges - 1)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>1</u>	<u>Amount Qualifier Code</u>	<u>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.</u>	<u>9M</u>	<u>ID 1/3</u>	<u>Conditional</u>	<u>Conditional</u>	<u>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.</u>
117	<u>Monetary Amount (Customer's Tax Rate for ESCO Charges - 1)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>2</u>	<u>Monetary Amount</u>		<u>0.00</u>	<u>R(1/18)</u>	<u>Required</u>	<u>Required</u>	<u>When an AMT*9M segment is sent, this element is required.</u>
118	<u>Monetary Amount (Customer's Tax Rate for ESCO Charges - 2)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>1</u>	<u>Amount Qualifier Code</u>	<u>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.</u>	<u>9N</u>	<u>ID 1/3</u>	<u>Conditional</u>	<u>Conditional</u>	<u>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.</u>
119	<u>Monetary Amount (Customer's Tax Rate for ESCO Charges - 2)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>2</u>	<u>Monetary Amount</u>	-	<u>0.00</u>	<u>R(1/18)</u>	<u>Required</u>	<u>Required</u>	<u>When an AMT*9N segment is sent, this element is required.</u>
120	<u>Monetary Amount (ICAP)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>1</u>	<u>Amount Qualifier Code</u>	<u>Code indicating that AMT02 contains the ICAP Tag for the electric customer being enrolled.</u>	<u>KZ</u>	<u>ID(1/3)</u>	<u>Not Used</u>	<u>Conditional</u>	<u>Will be returned on an Accept Response for electric enrollment requests when available.</u>

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
121	<u>Monetary Amount (ICAP)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>2</u>	<u>Monetary Amount</u>	-	<u>0.0000</u>	<u>R(1/18)</u>	<u>Not Used</u>	<u>Required</u>	<u>When an AMT*KZ segment is being sent, this element is required.</u>
122	<u>Monetary Amount (ICAP)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>3</u>	<u>Special Program Adjustment Indicator</u>	<u>Code indicating if the ICAP tag has been adjusted for a Special Program.</u>	<u>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.</u>	<u>ID(1/1)</u>	<u>Not Used</u>	<u>Optional</u>	<u>A general indicator not tied to any specific program.</u>
123	<u>Monetary Amount (Future ICAP)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>1</u>	<u>Amount Qualifier Code</u>	<u>Code indicating that AMT02 contains the Future ICAP Tag for the electric customer being enrolled.</u>	<u>8B</u>	<u>ID(1/3)</u>	<u>Not Used</u>	<u>Conditional</u>	<u>Will be returned on an Accept Response for electric enrollment requests when available.</u>
124	<u>Monetary Amount (Future ICAP)</u>	<u>LIN Loop</u>	<u>AMT</u>	<u>DTL</u>	<u>60</u>	<u>2</u>	<u>Monetary Amount</u>	-	<u>0.0000</u>	<u>R(1/18)</u>	<u>Not Used</u>	<u>Required</u>	<u>When an AMT*8B segment is being sent, this element is required.</u>
125	<u>Metered or Unmetered Service Point</u>	<u>NM1 Loop</u>	<u>NM1</u>	<u>DTL</u>	<u>80</u>	<u>1</u>	<u>Entity Identifier Code</u>	<u>Code indicating that this NM1 loop contains delivery point or meter related information.</u>	<u>MQ</u>	<u>ID(2/3)</u>	<u>Conditional</u>	<u>Conditional</u>	<u>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.</u>

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
126	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.
127	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.
128	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 on Line 50 for the treatment of unmetered service on an electric account.)
129	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.
130	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.
131	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.
132	Reference Identification (Rate Sub	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.

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	Class)												
133	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.
134	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.
135	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.
136	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.
137	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

Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
													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.
138	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.
139	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.
140	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.
141	Reference Identification (ESCO Rate Code)	NM1 Loop	REF	DTL	180	2	Reference Identification Qualifier	-	text	AN(1/30)	Required	Required	When a REF* RB segment is being sent, this element is required.
142	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.
143	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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Row No	NY-DD-Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data-Type	Request	Response	Comments
114	Reference Identification (Utility-Load Profile-Group Code)	NM4 Loop	REF	DTL	130	01	Reference Identification Qualifier	Code indicating that REF02 contains the a 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.
115	Reference Identification (Utility-Load Profile-Group Code)	NM4 Loop	REF	DTL	130	02	Reference Identification	-	Text	AN(1/30)	Not-Used	Required	When a REF*LO segment is being sent, this element is required. See Comment on Line 114.
116	Reference Identification (Measurement Type and Reporting Period)	NM4 Loop	REF	DTL	130	01	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.
117	Reference Identification (Measurement Type and Reporting Period)	NM4 Loop	REF	DTL	130	02	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.
118	Reference Identification (Use Time of Day)	NM4 Loop	REF	DTL	130	01	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.
119	Reference Identification (Use Time of Day)	NM4 Loop	REF	DTL	130	02	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.—See Comment on Line 118.
120	Reference Identification (Use Time of Day)	NM1 Loop	REF	DTL	130	03	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, MQN, 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.
121	Reference Identification (ESCO Rate Code)	NM4 Loop	REF	DTL	130	04	Reference Identification Qualifier	Code indicating that REF02 will contain the E/M rate code associated with the service point(s) identified in the NM4 segment.	RB	ID(2/3)	Conditional	Conditional	Required in an Enrollment Request when the bill option is Utility rate ready consolidated billing and the E/M 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 National Grid, does not have a corresponding Request transaction, this segment in an Accept Response transaction may contain a rate code specified by National Grid in its BSA.
122	Reference Identification (ESCO Rate Code)	NM4 Loop	REF	DTL	130	02	Reference Identification Qualifier		text	AN(1/30)	Required	Required	When a REF* RB segment is being sent, this element is required.—See Comment on Line 121.
123	Transaction Set Trailer	None	SE	DTL	180	01	Number of Included Segments	Number of segments in this transaction.	#	NO-1/10	Required	Required	Required in all transactions.
124	Transaction Set Trailer	None	SE	DTL	180	02	Transaction Set Control Number	-	ST02	AN(4/9)	Required	Required	Required in all transactions.