Case 98-M-0667
Supplement E

Electronic Data Exchange Standards for Energy Deregulation in New York

814 Consumption History Request & Response

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

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~~July 19, 2006~~October 23, 2014
Version 1.~~2~~3

		Summary of Changes
July 20, 2001		**Initial Release**
August 7, 2002		**Version 1.1 Issued**
		Inserted new REF*AJ segment (Utility Account Number for ESCO/Marketer Per the October 2, 2001 clarification, the use attribute for N4 (Service Address) in the N1*8R loop in a Request transaction was changed from Optional to Not Used
July 19, 2006		**Version 1.2 Issued**
		The usage attribute for the N3/N4 segments (Service Address) in an N1*8R (Customer) Loop is revised from Optional to Conditional in Accept Responses to comply with the Uniform Business Practices (Section 4, C.2.a.1.). Service address information may not be sent where the response pertains to an un-metered electric account with multiple service delivery points. The FNA code (Fee Not Authorized) is deleted from the list of possible reject reason codes in the REF*7G segment (Reject Response Reasons) and the REF*93 (Fee Approved/Fee Applied) segment is deleted from the standard. Fees are no longer being assessed for consumption history provided via EDI. The REF*93 (Fee Approved/Fee Applied) segment is deleted. Fees are no longer being assessed for consumption history provided via EDI. A REF03 element is added to the REF*12 segment (Utility Account Number) for use on Enrollment Requests sent to, or received from, Orange & Rockland Utilities when the transaction pertains to consumption history for the un-metered portion of a customer's electric service when both metered and un-metered service are present on the same account. Line references are revised where applicable.
October 23, 2014		**Version 1.3**
		Utility specific notes are generalized, as appropriate, and designated for relocation to/reference within Utility Maintained EDI Guides, as necessary. Replaced references to Marketer and E/M with ESCO.
		Added code "CAB" for Enrollment Block and Historical Block response in REF*7G.
		Added REF*1P Response Information and Warnings segment with code "HUL" for Historical Usage Limited when the data in the 867HU transaction is limited to the PTD*FG loop. i.e. no usage data to be reported.

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
1	Transaction Set Header	None	ST	HDR	010	01	Transaction Set Identifier Code	Indicates Type of transaction	814	ID(3/3)	Required	Required	
2	Transaction Set Header	None	ST	HDR	010	02	Transaction Set Control Number	Number generated by senders system	ID#	AN(4/9)	Required	Required	
3	Beginning Segment	None	BGN	HDR	020	01	Transaction Set Purpose Code	Purpose of transaction	Request =13 Response =11	ID(2/2)	Required	Required	
4	Beginning Segment	None	BGN	HDR	020	02	Reference Identification	Unique and permanent ID for this transaction	ID#	AN(1/30)	Required	Required	
5	Beginning Segment	None	BGN	HDR	020	03	Date	Date transaction was created in senders system	CCYYMMDD	DT(8/8)	Required	Required	
6	Beginning Segment	None	BGN	HDR	020	06	Reference Identification	If 01=11, this element is the BGN 02 from the original request transaction	ID#	AN(1/30)	Not Used	Conditional	This is the BGN02 identification number sent in the original request. The BGN06 element is used to associate a Response transaction with its related Request transaction.
7	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	040	01	Entity Identifier Code	Code identifying the ~~E/M~~ESCO in this transaction	SJ	ID(2/3)	Required	Required	
8	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	040	02	Name	literal name of the ~~E/M~~ESCO	free form text	AN(1/60)	Optional	Optional	~~E/M~~ESCO name is not necessary but may be provided by mutual agreement of the trading partners.
9	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	040	03	Identification Code Qualifier	Indicates type of ID number that will be sent in the N104 element of this segment	1=DUNS # 9=DUNS#+4 24=Federal Tax ID	ID(1/2)	Required	Required	
10	Name (ESCO/~~Marketer~~)	NI Loop	N1	HDR	040	04	Identification Code	ID number for ~~E/M~~ESCO	ID#	AN(2/80)	Required	Required	
11	Name (Utility)	NI Loop	N1	HDR	040	01	Entity Identifier Code	Code identifying the utility in this transaction	8S	ID(2/3)	Required	Required	
12	Name (Utility)	NI Loop	N1	HDR	040	02	Name	Literal name of the Utility in this transaction	free form text	AN(1/60)	Optional	Optional	Utility name is not necessary but may be provided by mutual agreement of the trading partners.
13	Name (Utility)	NI Loop	N1	HDR	040	03	Identification Code Qualifier	Indicates type of ID number that will be sent in the N104 element of this segment	1=DUNS # 9=DUNS#+4 24=Federal Tax ID	ID(1/2)	Required	Required	
14	Name (Utility)	NI	N1	HDR	040	04	Identification	ID number for Utility	ID#	AN(2/80)	Required	Required	

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
		Loop					Code						
15	Name (Customer)	NI Loop	N1	HDR	040	01	Entity Identifier Code	Code identifying the customer in this transaction	8R	ID(2/3)	Optional	Conditional	If the request for consumption history is accepted, the response may contain the service address associated with the account for which history data was requested. Service address information may not be available for un-metered electric accounts containing multiple service delivery points. When the N3/N4 segments (service address) are sent in a transaction they must be accompanied by "name" information in an N1 segment to comply with X12 requirements.
16	Name (Customer)	NI Loop	N1	HDR	040	02	Name	Literal name of the customer in this transaction	Text or the literal "NAME"	AN(1/60)	~~Optional~~Required	Required	If an N1*8R segment is sent, this element is required. ~~See Comment on Line 15.~~
17	Address Information (Service Address)	NI Loop	N3	HDR	060	01	Address Information	Customer's street address	Text	AN(1/55)	~~Optional~~Not Used	Conditional	~~See Comment on Line 15; this~~This segment is not sent in a Request transaction and may be sent in an Accept Response.
18	Address Information (Service Address)	NI Loop	N3	HDR	060	02	Address Information (overflow)	If N301 exceeds 55 characters, the overflow is sent in N302	Text	AN(1/55)	~~Optional~~Not Used	Conditional	See Description column for conditions.
19	Geographic Location (Service Address)	NI Loop	N4	HDR	070	01	City Name	Customer Address-City Name	Text	AN(2/30)	Not Used	Conditional	~~See Comment on Line 15; this~~This segment is not sent in a Request transaction and may be sent in an Accept Response.
20	Geographic Location (Service Address)	NI Loop	N4	HDR	070	02	State or Province Code	Customer Address-State Name	Text	ID(2/2)	Not Used	~~Conditional~~ Optional	~~See Comment on Line 19.~~This may be sent when an N4 segment is being sent.
21	Geographic Location (Service Address)	NI Loop	N4	HDR	070	03	Postal Code	Customer Address-zipcode	Text	ID(3/15)	Not Used	Required~~Conditional~~	~~See Comment on Line 19.~~ This is required when an N4 segment is being sent.
22	Item Identification	LIN Loop	LIN	DTL	010	01	Assigned Identification	Unique identifier assigned to this LIN request	Unique ID for each LIN request generated by the sender	AN(1/20)	Required	Required	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.
23	Item Identification	LIN Loop	LIN	DTL	010	02	Product/Service ID Qualifier	Indicates a service is being requested	SH	ID(2/2)	Required	Required	

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
24	Item Identification	LIN Loop	LIN	DTL	010	03	Product/Service ID	Commodity Type	EL or GAS	AN(1/48)	Required	Required	Only one commodity type per 814 transaction (either request or response).
25	Item Identification	LIN Loop	LIN	DTL	010	04	Product/Service ID Qualifier	Indicates a service is being requested	SH	ID(2/2)	Required	Required	
26	Item Identification	LIN Loop	LIN	DTL	010	05	Product/Service ID	Type of Request	GP=Gas Profile HU=Historic Usage	AN(1/48)	Required	Required	See Comment on Line 24. Each consumption history Request transaction may contain only one LIN loop. If the request is for history on a gas account, the LIN05 element may be either an HU or GP but not both. If the ESCO~~/Marketer~~ wants to request both electric and gas history for an individual end use customer, separate Request transactions must be sent - one for the electric history and one for gas history. Note that the GP request is currently supported only by ~~Con Edison and Keyspan.~~ utilities that provide gas profiles.
27	Action or Status Indicator	LIN Loop	ASI	DTL	020	01	Action Code	Indicator of the action or status of the LIN request	7=Request AC=Acknowledge U=Reject WQ=Accept	ID(1/2)	Required	Required	ASI01 must be "7" for all Request transactions while AC, U, or WQ codes are used for Response transactions.
28	Action or Status Indicator	LIN Loop	ASI	DTL	020	02	Maintenance Type Code	Used to differentiate between inquiries and other actions.	029	ID(3/3)	Required	Required	
29	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains a reason for rejecting the LIN request.	7G	ID(2/3)	Not Used	Conditional	The response may contain more than one reject reason per LIN request.
30	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	030	02	Reference Identification		A13, A76, A91, CAB, HUR, HUU	AN(1/30)	Not Used	Required	When a REF*7G segment is sent, this element is required. A13 should only be used infrequently, I.e. when none of the other codes are sufficient.
31	Reference Identification (Reject Response Reasons)	LIN Loop	REF	DTL	030	03	Description	Used to qualify an A13 or other codes sent in REF02	text	AN(1/80)	Not Used	Conditional	If REF02=A13, this element must be sent to clarify the reject reason. If REF02 is another code, REF03 may be used to provide further clarification of a reject reason.
32	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains response status information.	1P	ID(2/3)	Not Used	Conditional	The response may contain more than one status reason per LIN request.

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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
33	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	030	02	Reference Identification		A13, HUL	AN(1/30)	Not Used	Required	When a REF*1P segment is sent, this element is required. A13 should only be used infrequently, i.e. when none of the other codes are sufficient.
34	Reference Identification (Response Information or Warnings)	LIN Loop	REF	DTL	030	03	Description	Used to qualify an A13 or other codes sent in REF02	text	AN(1/80)	Not Used	Conditional	If REF02=A13, this element must be sent to clarify the reject reason. If REF02 is another code, REF03 may be used to provide further clarification of a reject reason.
~~32~~35	Reference Identification (~~E/M~~ESCO Customer Account Number)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that the REF02 element contains the ~~E/M~~ESCO assigned account number for the customer	11	ID(2/3)	Optional	Optional	May be sent on Request or Response transactions at the discretion of the trading partners.
~~33~~36	Reference Identification (~~E/M~~ESCO Customer Account Number)	LIN Loop	REF	DTL	030	02	Reference Identification	Customer's account number	Account #	AN(1/30)	Optional	Optional	
~~34~~37	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that the REF02 element contains the Utility assigned account number for the customer	12	ID(2/3)	Required	Required	This segment is used for validation.
~~35~~38	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	030	02	Reference Identification	Customer's account number	Account #	AN(1/30)	Required	Required	~~See Line 37.~~When a REF*12 segment is sent, this element is required.
~~36~~39	Reference Identification (Utility Account Number)	LIN Loop	REF	DTL	030	03	Description	Un-metered service designator (electric accounts only)	U	AN(1/80)	Conditional	Conditional	This element is only sent in Requests to, or provided in Responses from, O&R when the request pertains only to the un-metered service on an electric account that includes both metered and un-metered service. When the Request pertains to all service on an electric account this element is not used. The O&R Response transaction will contain this element if present in the Request transaction.
~~37~~40	Reference Identification (Previous Utility Account Number)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains the Utility's previous account number for the customer	45	ID(2/3)	Not Used	Conditional	This segment must be sent on an Accept Response when the Utility assigned account number for the customer has changed in the last 90 days.
~~38~~41	Reference	LIN	REF	DTL	030	02	Reference	Customer's old	Account #	AN(1/30)	Not Used	Required	When a REF*45 segment is sent,

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Row No	NY DD Field Name	Loop ID	Segment	Level	Position	Ref Desc	Name	Description	Code	Data Type	Request	Response	Comments
	Identification (Previous Utility Account Number)	Loop					Identification	account number					this element is required.
~~39~~42	Reference Identification (Utility Account Number for ESCO/~~Marketer~~)	LIN Loop	REF	DTL	030	01	Reference Identification Qualifier	Code indicating that REF02 contains a Utility assigned account number for the ESCO/~~Marketer.~~ .	AJ	ID(2/3)	Conditional	Conditional	An account number assigned to the ESCO/~~Marketer~~ by the Utility may be provided by mutual agreement of the trading partners.
~~40~~43	Reference Identification (Utility Account Number for ESCO/~~Marketer~~)	LIN Loop	REF	DTL	030	02	Reference Identification	Utility account number for the ESCO/~~Marketer~~	Account #	AN(1/30)	Required	Required	~~Wnen~~When a REF*AJ is being sent, this element is required.
~~41~~44	Transaction Set Trailer	None	SE	DTL	180	01	Number of Included Segments	Number of segments in this transaction.	#	NO 1/10	Required	Required	
~~42~~45	Transaction Set Trailer	None	SE	DTL	180	02	Transaction Set Control Number		ST02	AN(4/9)	Required	Required	

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