New York Implementation Standard

For

Standard Electronic Transactions

FILED

TRANSACTION SET

814

Drop Request & Response

Ver/Rel 004010

		Summary of Changes
July 20, 2001 Version 1.0		**Initial version released.**
August 7, 2002 Version 1.1		**Version 1.1 issued.**
		A new REF segment (REF*AJ) is added to accommodate exchange of a Utility Account Number for the ESCO.
		An updated Field Descriptions Guideline Page is inserted.
		The Front Matter Notes are revised in the 'Effective Date' and 'Companion Documents' sections to reflect the standards for Reinstatement adopted on May 29, 2002.
		Revised the loop repeat from >1 to 1 for the following N1 loops: N1*SJ (ESCO), N1*8S (Utility), N1*8R (Customer), and N1*BT (Bill-to-Party).
		Revised the LIN loop repeat from >1 to 1. There may be only one LIN Request or Response loop per transaction.
		Corrected the transaction set notes regarding the purpose of the N1 segments.
		Revised the gray box notes for the BGN02 and BGN06 elements to remove references to multiple LIN requests or responses in this transaction and modified the use attribute for BGN06 from optional to conditional. This element is required in a Response transaction.
		Modified the segment example and gray box notes for the N1*8R (Customer) segment to clarify that an N1 segment must be sent when this N1 loop is sent but the N102 element may contain either the customer's actual name or "NAME'.
		Corrected use attribute for the N402 element (Service Address – State) from Optional to Must Use.
		Corrected the segment notes for the REF*7G (Reject Reason) segment to indicate use is conditional in response transactions.
		Revised segment notes for the REF*45 (Previous Utility Account Number) segment to indicate use is conditional for both Request and Response transactions.
		Revised segment notes for the DTM*151 (Service End Date) segment to indicate use is conditional for both Request and Response transactions.
		Revised segment notes for the DTM*007 (Effective Date of Customer Move) segment to indicate use is conditional for ESCO initiated Request transactions.
		Corrected gray box examples for the ST and SE segments.
July 20, 2004		**Draft Version 1.2 Issued for Comment**
June 20, 2006 Version 1.3		**Version 1.3 Issued (incorporates proposed changes in draft version 1.2).**
		Any references to either Niagara Mohawk or NMPC are revised to reflect National Grid.
		Revised the Front Matter Notes to indicate that an ESCO may separately enroll (or drop) the un-metered electric service for accounts in Orange & Rockland's service territory where both metered and un-metered electric service are present on the account by transmitting the REF03 element in the REF*12 (Utility Account Number) segment.
		The Transaction Set Notes are revised to indicate that Drop Requests may be acknowledged as well as accepted or rejected.
		The segment notes for the N1*8R segment (Customer Name) and the corresponding N3/N4 segments (Service Address) are revised to indicate that service address information is optional in drop requests. References to RG&E have been deleted from the segment notes.

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		The segment notes for the N1*BT segment (Name associated with Mailing Address) and the corresponding N3/N4 segments (Mailing Address) were revised to delete references to RG&E.
		An 'AC' code and accompanying note is added to the ASI01 element of the ASI segment (Status or Action Indicator) to enable utilities to 'Acknowledge' an ESCO initiated Drop Request when the request pertains to an off system account.
		Added the REF03 element to the REF*12 segment (Utility Account Number) for use on Drop Requests sent to or received from Orange & Rockland Utilities when a request pertains to dropping the un-metered portion of a customers electric service when both metered and un-metered service are present on the same account.
		A REF*VI segment (Gas Pool Id) is added for use in National Fuel's service territory in Marketer initiated Drop request transactions (gas only). This segment may also be sent in Utility initiated Drop Request transactions for gas service at the discretion of the Utility.
		Examples are revised to reflect current dates and revised structure; some examples have been revised to correct inconsistencies between segment notes and the examples.
April 7, 2015 **Version 1.4**		**Version 1.4 Issued**
		Replaced references to Marketer and E/M with ESCO
		For Segment: REF Reference Identification (Drop Reason and Initiating Party) • Clarified notes for codes 020, A13 and B38. • Added language concerning use of CHA code as applicable to ESCO Contest Period Reinstatement Requests. • Added CHU code for to distinguish customer returns to utility full service from switches to another ESCO.
January 29, 2016 **Version 1.5**		**Version 1.5 Issued**
		Updated gas switching timeline reference to 10 business days.
June 30, 2016 **Version 1,6**		**Version 1.6 Issued**
		• Update to conditionality of REF Reference Identification (Previous Utility Customer Account Number) segment.

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		Notes pertaining to the use of this document
Purpose		• This 814 Drop Transaction Set is used to discontinue a customer's current or pending relationship with an Energy Supplier (Utility or ESCO). These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines. Refer to the Drop Business Process Document for a detailed description of the scenario's which require the use of a TS 814 Drop transaction.
Validation Fields		• In New York, the validation field is the customer's utility account number (with check digit, if included).
One account per 814		• Each transaction may contain only one account for one commodity (i.e. electric, gas, etc.). For example, when a customer who is enrolled with an ESCO for both electric and gas supply service would like to return to Utility bundled supply service for both commodities, the ESCO must transmit two 814 drop requests – one for the drop of electric service to the applicable electric Utility and another for the drop of gas service to the applicable gas Utility.
All meters per account		• Unless otherwise specified in a utility's Utility Maintained EDI Guide, a drop request for electric supply service will be considered a request to drop all electric meters (and/or un-metered electric service) on the account being dropped. Similarly, a drop request with the same (or a different) supplier for gas service, would result in a drop of all gas meters for that account for that supplier. • If specified in a utility's Utility Maintained EDI Guide, when both metered and un-metered electric service is present on an account, and ESCO may separately enroll (or drop) the un-metered service on that account by transmitting the REF03 element in the REF*12 (Utility Account Number) segment.
Multiple LINs		• There is only one LIN request for each 814-Drop request.
Cross referencing Request and Response transactions		• The BGN02 element in the BGN segment received on a request must be returned in the BGN06 element of the BGN segment sent on the response. However, the Utility is the only entity that will be sending an 814 positive Drop Response. ESCOs are not required to send an accept response to a Utility originated drop request. The TS 997 will be considered an acknowledgement that the ESCO received the Utility drop request. Utility originated drop requests may only be rejected by an ESCO for validation (Account Not Found) or syntax errors.
Effective Date		• The effective date for a drop is determined by the Utility. Under normal circumstances the effective date is the customer's next regularly scheduled meter read date (or the first of the month for gas). Utility originated drop requests will contain the effective drop date; the Utility will return the effective drop date on a response to an accepted 814-drop request originated by an ESCO. • Customers may contact either their Utility or their pending ESCO to rescind (nullify or cancel) an enrollment request during the pending stage. The Utility or ESCO contacted must promptly notify the other party of the customer's request to cancel by initiating an 814 Drop Request transaction. The effective date for the Drop will be determined by the date the Utility is notified that the customer wishes to cancel a pending enrollment. Utility initiated drop requests will contain the effective drop date; the Utility must return the effective drop date on a response to an accepted 814-Drop request originated by an ESCO. • When a customer relocates to a different address, the effective date of the drop is the date of the move. When an account is closed the effective date of the drop is the date of the account closing. • An ESCO may request that an electric account be dropped on a date other than the

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		next regularly scheduled meter read date. However, this request will not be processed via EDI. The ESCO must contact the applicable Utility directly to request a specific drop date. All utilities will not support requests that drop an account on a date other than the next regularly scheduled meter read date. • Drop requests must be received a minimum of 5 business days (10 business days for gas) prior to the effective date with the following exceptions: ➢ the customer moves and does not provide the minimum number of days notice; ➢ the customer is rescinding an enrollment request; or ➢ the account is being closed. • Valid drop requests that do not involve a customer move or account closing, that do not meet the 5 business day (10 business day for gas) requirement will not be rejected; the customer will be dropped on the next succeeding meter read date for that customer or the first of the following month for gas.
Single Retailer Model		• There are some differences in the required segments on transactions sent to and received from utilities that support the Single Retailer Model for retail access. These differences have been indicated in the notes and gray box text in the individual data segments in this implementation guide and are also referenced in the drop data dictionary.
Conditional Data Segments		• There are minor differences in the extent to which specific data elements are supported by each Utility and/or whether they are applicable to both electric and gas services. These differences have been noted, for the most part, in the data dictionary associated with this implementation guide.
Definitions		• The term Utility or LDC (Local Distribution Company) is used in this document to refer to the local gas or electric distribution company, i.e. the entity providing regulated bundled commodity service. The term ESCO is used in this document to refer to either a gas or electric supplier. The principal parties involved in this Transaction Set 814 implementation guide are: ➢ The end-use customer (Code 8R) ➢ The Utility (LDC) (Code 8S) ➢ The Supplier (ESCO) (Code SJ).
Companion Documents		• All of the applicable business rules for New York are not necessarily documented in this implementation guide. Accordingly, the following documents should be reviewed where further clarification is needed: ➢ Drop Business Processes ➢ Data Dictionary for the Drop Request & Response ➢ Reinstatement Business Processes Document.
Rejection vs. Acceptance with Status Reason code		• A warning/informational code is different than a Rejection Reason code. The warning code is used to give additional information to the receiving party (an FYI). If an 814 Request does not contain a segment required by the recipient Utility and/or a segment contains incorrect data, some Utilities will reject the transaction while others may accept the transaction and send a warning in their 814 response. Refer to the data dictionary associated with this implementation guide for further clarification.

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Implementation Guideline Field Descriptions

This section shows the X12 Rules for this segment but the Usage and Max Use fields will also reflect NY rules. For Usage, "Optional (Must Use)" means that this segment is Optional for X12, but is required in NY. "Optional (Dependent)" means Optional for X12, but use is conditional in NY. The grayboxes below should also be reviewed for additional NY Rules.

Segment: **REF** **Reference Identification (Utility Customer Account Numb**
Position: 050
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Comments:

Notes:

Required

The Utility account number assigned to the customer is used for validation and must be present on all transactions.

REF~12~011231287654398

This section displays the NY Rules for implementation of this segment.

One or more examples.

Data Element Summary

	Ref Des.	Data Element	Name		X12 Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			12	Billing Account REF02 contains the Utility-assigned acc number for the customer.		
Must Use	**REF02**	**127**	**Reference Identification**			**AN 1/30**
			Utility assigned customer account number The utility account number must be suppli non-alphanumeric characters. (Characters on a bill, for example, should be removed			

This column documents differences between X12 and NY use for each data element:

Mand. (Mandatory) – Required by X12
Must Use – Required by NY
Cond. (Conditional)
Optional

These columns show the X12 attributes for each data element:

M = Mandatory
O = Optional
X = Conditional

AN = Alphanumeric
N# = Implied Decimal
ID = Identification
R = Real
DT = Date (CCYYMMDD)

1/30 = Minimum 1, Maximum 30

814 Drop Request & Response

Functional Group ID=GE

Introduction:

This Standard for Trial Use contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814) for use within the context of an Electronic Data Interchange (EDI) environment. This standard can be used to request actions to be performed, to respond to a request for actions to be performed or to confirm information related to actions performed.

Notes:

This guideline is limited to defining the required and optional information needed to satisfy a drop request and responses acknowledging, accepting or rejecting the drop request.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			1	
5	040	N1	Name (ESCO)	O	1		
			LOOP ID - N1			1	
6	040	N1	Name (Utility)	O	1		
			LOOP ID - N1			1	
7	040	N1	Name (Customer)	O	1		
8	060	N3	Address Information (Service Address)	O	1		
9	070	N4	Geographic Location (Service Address)	O	1		
			LOOP ID - N1			1	
10	040	N1	Name (Mailing Address)	O	1		
11	060	N3	Address Information (Mailing Address)	O	1		
12	070	N4	Geographic Location (Mailing Address)	O	1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			1	
13	010	LIN	Item Identification	O	1		
14	020	ASI	Action or Status Indicator	O	1		
15	030	REF	Reference Identification (Drop Reason and Initiating Party)	O	1		
16	030	REF	Reference Identification (Reject Response Reason)	O	1		
17	030	REF	Reference Identification (ESCO Customer Account Number)	O	1		
18	030	REF	Reference Identification (Utility Account Number)	O	1		
19	030	REF	Reference Identification (Previous Utility Account Number)	O	1		

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20	030	REF	Reference Identification (Utility Account Number for ESCO)	O	1
21	030	REF	Reference Identification (Gas Pool Id)	O	1
22	040	DTM	Date/Time Reference (Service End Date)	O	1
23	040	DTM	Date/Time Reference (Effective Date of Customer Move)	O	1
24	150	SE	Transaction Set Trailer	M	1
E-1			Examples		

Transaction Set Notes

1. The N1*SJ and 8S loops are used to identify the transaction sender and receiver.
2. The N1*8R and BT loops are used to identify the customer and bill-to-party associated with this transaction.

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Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Notes: Request: Required
Response: Required

ST~814~000000001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	**ST01**	**143**	**Transaction Set Identifier Code** 814 General Request, Response or Confirmation	**M ID 3/3**
Mand.	**ST02**	**329**	**Transaction Set Control Number** Identifying control number assigned by the originator of a transaction set. This identifier must be unique for each transaction set within a functional group.	**M AN 4/9**

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Segment: **BGN** **Beginning Segment**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes:
1 If BGN05 is present, then BGN04 is required.
Semantic Notes:
1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Notes:
Request: Required
Response: Required

BGN~13~20060329165823~20060329 (Request)
BGN~11~20060330070823~20060330~~~20060329165823 (Response)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**BGN01**	**353**	**Transaction Set Purpose Code** 11 Response 13 Request	**M**	**ID 2/2**
Mand.	**BGN02**	**127**	**Reference Identification** A unique transaction identifier number assigned by the originator of this transaction. The BGN02 element from the requesting transaction is returned in the BGN06 element in the response to that request.	**M**	**AN 1/30**
Mand.	**BGN03**	**373**	**Date** The date the transaction was created by the sender's applications system in the form CCYYMMDD.	**M**	**DT 8/8**
Cond.	**BGN06**	**127**	**Reference Identification** Refers to the BGN02 identification from the original request transaction. This element is not used on a request transaction but required in a response.	**O**	**AN 1/30**

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Segment: **N1** **Name (ESCO)**
Position: 040
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Notes: Request: Required
Response: Required

N1~SJ~~24~123456789
N1~SJ~ESCO COMPANY~24~123456789

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code**		**M**	**ID 2/3**
			SJ	Service Provider Identifies the ESCO participating in this transaction.		
Optional	**N102**	**93**	**Name**		**X**	**AN 1/60**
			ESCO Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.			
Must Use	**N103**	**66**	**Identification Code Qualifier**		**X**	**ID 1/2**
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			24	Employer's Identification Number Federal Tax ID		
Must Use	**N104**	**67**	**Identification Code**		**X**	**AN 2/80**
			The D-U-N-S number or the Federal Tax ID			

FINAL

Segment: **N1** **Name (Utility)**
Position: 040
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Notes: Request: Required
Response: Required

N1~8S~~24~012345678
N1~8S~UTILITY COMPANY~24~012345678

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code**		**M**	**ID 2/3**
			8S	Consumer Service Provider (CSP) Identifies the Utility participating in this transaction.		
Optional	**N102**	**93**	**Name**		**X**	**AN 1/60**
			Utility Company Name Supplemental text information that may be supplied to provide "eyeball" identification of the Utility. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.			
Must Use	**N103**	**66**	**Identification Code Qualifier**		**X**	**ID 1/2**
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			24	Employer's Identification Number Federal Tax ID		
Must Use	**N104**	**67**	**Identification Code**		**X**	**AN 2/80**

FINAL

Segment: **N1** **Name (Customer)**
Position: 040
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To identify the customer in this transaction
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Notes:
Request: Conditional
Response: Not Used

When service address information is being sent, an N1*8R segment is required.

N1~8R~MARY SMITH
N1~8R~NAME

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code** 8R Consumer Service Provider (CSP) Customer Identifies the end use customer targeted by this transaction.	**M**	**ID 2/3**
Must Use	**N102**	**93**	**Name** Customer's Name Supplemental text information may be supplied to provide "eyeball" identification of the customer. The actual name is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners. When a Utility does not provide the actual customer name the literal 'NAME' will be sent in N102 to ensure compliance with ANSI X12 requirements. A Utility may not provide a customer name. Where this occurs the literal 'NAME' will be placed in N102 to ensure compliance with ANS X12 requirements.	**X**	**AN 1/60**

FINAL

Segment: **N3** **Address Information (Service Address)**
Position: 060
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Notes: Request: Optional
Response: Not Used

This segment may be sent in Utility initiated drop requests.

N3~123 N MAIN ST~service address overflow

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**N301**	**166**	**Address Information**	**M**	**AN 1/55**
			Customer Service Address		
Cond.	**N302**	**166**	**Address Information**	**O**	**AN 1/55**
			Service address overflow		

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Segment: **N4** **Geographic Location (Service Address)**
Position: 070
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 is required.
Semantic Notes:
Notes: Request: Optional
Response: Not Used

This segment may be sent in Utility initiated drop requests.

N4~MYCITY~NY~19123
N4~MYCITY~NY~191230123

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N401**	**19**	**City Name**	**O**	**AN 2/30**
Must Use	**N402**	**156**	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency.		
Must Use	**N403**	**116**	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		

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Segment: **N1** **Name (Mailing Address)**
Position: 040
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Notes:
Request: Conditional
Response: Not Used

The customer's mailing address is required for Utility initiated drops if known and different from service address. When mailing address segments (N3/N4) are being sent, an N1*BT segment is required.

N1~BT~ACCOUNTS RECEIVABLE

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**N101**	**98**	**Entity Identifier Code**		**M**	**ID 2/3**
			BT	Bill-to-Party Customer Billing Address		
Must Use	**N102**	**93**	**Name**		**X**	**AN 1/60**
			Name associated with billing address			

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Segment: **N3** **Address Information (Mailing Address)**
Position: 060
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Notes: Request: Conditional
Response: Not Used

The customer's mailing address is required for Utility initiated drops if known and different from service address.

N3~123 N Main St~Room 323
N3~Large Company~P.O. Box 123456

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**N301**	**166**	**Address Information** Billing Address	**M**	**AN 1/55**
Cond.	**N302**	**166**	**Address Information** Billing Address Overflow	**O**	**AN 1/55**

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Segment: **N4** **Geographic Location (Mailing Address)**
Position: 070
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 is required.
Semantic Notes:
Notes: Request: Conditional
Response: Not Used

The customer's mailing address is required for Utility initiated drops if known and different from service address.

N4~ANYCITY~NY~141231234~US

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N401**	**19**	**City Name**	**O**	**AN 2/30**
Cond.	**N402**	**156**	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
Must Use	**N403**	**116**	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
Cond.	**N404**	**26**	**Country Code**	**O**	**ID 2/3**
			Refer to ISO 3166 for country codes		

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Segment: **LIN** **Item Identification**
Position: 010
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:
1 If either LIN04 or LIN05 is present, then the other is required.
2 If either LIN06 or LIN07 is present, then the other is required.
3 If either LIN08 or LIN09 is present, then the other is required.
4 If either LIN10 or LIN11 is present, then the other is required.
5 If either LIN12 or LIN13 is present, then the other is required.
6 If either LIN14 or LIN15 is present, then the other is required.
7 If either LIN16 or LIN17 is present, then the other is required.
8 If either LIN18 or LIN19 is present, then the other is required.
9 If either LIN20 or LIN21 is present, then the other is required.
10 If either LIN22 or LIN23 is present, then the other is required.
11 If either LIN24 or LIN25 is present, then the other is required.
12 If either LIN26 or LIN27 is present, then the other is required.
13 If either LIN28 or LIN29 is present, then the other is required.
14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:
1 LIN01 is the line item identification
Notes:
Request : Required
Response: Required

Request only one service per LIN Loop.

LIN~AACCDD0102004A~SH~EL~SH~CE
LIN~ABCCDD0102001A~SH~GAS~SH~CE

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**LIN01**	**350**	**Assigned Identification**		**O**	**AN 1/20**
			The identifier supplied in this element, either by itself or in conjunction with the BGN02 element from the BGN segment must uniquely identify each LIN request item over time.			
Mand.	**LIN02**	**235**	**Product/Service ID Qualifier**		**M**	**ID 2/2**
			SH	Service Requested A numeric or alphanumeric code from a list of services available to the customer		
Mand.	**LIN03**	**234**	**Product/Service ID**		**M**	**AN 1/48**
			There may be only one commodity (Electric or Gas) indicated in each 814 transaction.			
			EL	Electric		
			GAS	Gas Service		
Must Use	**LIN04**	**235**	**Product/Service ID Qualifier**		**X**	**ID 2/2**
			SH	Service Requested A numeric or alphanumeric code from a list of services available to the customer		
Must Use	**LIN05**	**234**	**Product/Service ID**		**X**	**AN 1/48**
			CE	Customer Enrollment Indicates that the drop requested in this transaction applies to a customer choice enrollment with the ESCO identified in the N1 loop.		

FILED

Segment: **ASI** **Action or Status Indicator**
Position: 020
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the action to be taken with the information provided or the status of the entity described
Syntax Notes:
Semantic Notes:
Notes: Request: Required
Response: Required

Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment.

ASI~7~024 Request
ASI~WQ~024 Accept Response (Utility Only)
ASI~U~024 Reject Response
ASI~AC~24 Acknowledge Response (Utility Only)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**ASI01**	**306**	**Action Code**		**M**	**ID 1/2**
			7	Request		
			AC	Acknowledge Used only by Utility. This code is sent by a Utility to acknowledge receipt of a drop request for an account that is traditionally processed 'off-line'. A response for these requests will be provided via non-EDI means. A REF~1P segment may be used to provide additional clarification when this code is sent in a Response transaction.		
			U	Reject Inability to accept for processing due to the lack of required information		
			WQ	Accept Used only by Utility.		
Mand.	**ASI02**	**875**	**Maintenance Type Code**		**M**	**ID 3/3**
			024	Cancellation or Termination Drop		

FILE

Segment: **REF** **Reference Identification (Drop Reason and Initiating Party)**
Position: 030
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Notes:
Request: Required
Response: Not Used

REF~1P~B38
REF~1P~020
REF~1P~A13~MAIL RETURNED

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			1P	Accessorial Status Code Warnings associated with an accept status notification		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			020	Customer Moved or Account Closed Originates with the Utility.		
			A13	Other See explanation in REF03. May originate either with the ESCO or the Utility.		
			B38	Dropped (ESCO Initiated) Customer was dropped by the ESCO.		
			CHA	Customer Changed to Another ESCO Upon Customer request: • Sent by Utility to incumbent ESCO in response to pending switch to another ESCO. • If supported by Utility, sent by the Incumbent ESCO to request cancelation of a pending switch to another ESCO.		
			CHU	Customer Changed to Full Utility Service Sent by Utility to Incumbent ESCO in response to customer request to return to full service.		
Cond.	**REF03**	**352**	**Description**		**X**	**AN 1/80**
			Additional text information to aid in explaining the reason for a drop.			

FINAL

Segment: **REF** **Reference Identification (Reject Response Reason)**
Position: 030
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Notes:
Request: Not Used
Response: Conditional

This segment is required when a reject response is sent.

REF~7G~A76

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			7G	Data Quality Reject Reason REF02 contains the reject reason code.		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			A13	Other Utilities may not recognize this reject reason. See explanation in REF03		
			A76	Account Not Found Account number not valid		
			A84	Invalid Relationship Not the ESCO of record		
			B14	Termination reason required but not sent.		
Cond.	**REF03**	**352**	**Description**		**X**	**AN 1/80**
			Additional text information to aid in resolving a rejected transaction. Required if A13 is used			

FINAL

Segment: **REF** **Reference Identification (ESCO Customer Account Number)**
Position: 030
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Notes: Request: Optional on a utility drop request
Response: Optional on a utility response

REF~11~A12345009Z

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			11	Account Number REF02 is the ESCO Assigned account number for the customer.		
Must Use	**REF02**	**127**	**Reference Identification** ESCO Marketer Assigned account number for the customer.		**X**	**AN 1/30**

FILED

Segment: **REF** **Reference Identification (Utility Account Number)**
Position: 030
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Notes:
Request: Required
Response: Required

REF~12~011231287654398
REF~12~011231287654398~U

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	**REF01**	**128**	**Reference Identification Qualifier** 12 Billing Account Account number under which billing is rendered REF02 is the Utility-assigned account number for the customer.	**M ID 2/3**
Must Use	**REF02**	**127**	**Reference Identification** Utility Assigned Account Number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visual presentation on a bill, for example, should be removed).	**X AN 1/30**
Cond.	**REF03**	**352**	**Description** The REF03 element in the REF*12 segment should only be sent to or received from Orange & Rockland Utilities when the commodity indicated in the LIN segment is Electric but the Drop request pertains only to dropping the unmetered portion of the electric service on that account. This element should NOT be sent when the Drop request pertains to terminating all electric service on the designated account. U Un-Metered Service	**C AN 1/80**

FINAL

Segment: **REF** **Reference Identification (Previous Utility Account Number)**
Position: 030
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Notes:
Request: Conditional
Response: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), ~~This~~ this segment is required on Utility initiated Drop Requests and Utility Responses when the customer's account number has changed within the last 90 days.

Response: Required on Utility responses when the customer's account number has changed within the last 90 days.

REF~45~9194132485705971

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			45	Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer.		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be present in REF*12.			

FILE

Segment: **REF** **Reference Identification (Utility Account Number for ESCO)**
Position: 030
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Notes:
Request: Conditional
Response: Conditional

This segment is used to communicate an account number assigned by the Utility to the ESCO and may be sent with the mutual agreement of the parties.

REF~AJ~3134597

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			AJ	Accounts Receivable Customer Account REF02 contains the Utility assigned account number for the ESCO		
Must Use	**REF02**	**127**	**Reference Identification**		**X**	**AN 1/30**
			Utility account number for the ESCO			

FILED

Segment: **REF** **Reference Identification (Gas Pool Id)**
Position: 030
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Notes:
Requests: Conditional
Responses: Conditional

Gas Only.

When specified in a Utility Maintained EDI Guide, this segment must be provided in Utility or ESCO initiated Drop Requests in utility's service territory. If not present in ESCO initiated Requests in that service territory, the transaction will be rejected. This segment may be sent in Utility initiated Requests or Responses in other service territories at the discretion of the utility.

REF~VI~211234567

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**REF01**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			VI	Pool Number Gas Pool Ids are assigned to a gas marketer by the Utility and are used to define a unique sub-grouping of customers.		
Must Use	**REF02**	**127**	**Reference Identification** Gas Pool Id associated with the customer being dropped.		**X**	**AN 1/30**

FILED

Segment: **DTM** **Date/Time Reference (Service End Date)**
Position: 040
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Notes:
Request: Conditional
Response: Conditional

This segment is required on Utility initiated request and response transactions to report the effective date for a Drop.

DTM~151~20061001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier** 151 Service Period End	**M**	**ID 3/3**
Must Use	**DTM02**	**373**	**Date** Date in the form CCYYMMDD This is the date the customer drop is processed as effective.	**X**	**DT 8/8**

FILED

Segment: **DTM** **Date/Time Reference (Effective Date of Customer Move)**
Position: 040
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Notes:
Request: Conditional
Response: Not Used

This segment is required on ESCO initiated requests when the drop reason is a customer move (REF1P=020).

DTM~007~20060415

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Mand.	**DTM01**	**374**	**Date/Time Qualifier**		**M**	**ID 3/3**
			007	Effective Used when information message is 020 (REF~1P~020). Provides the effective date of a customer move.		
Must Use	**DTM02**	**373**	**Date**		**X**	**DT 8/8**
			Date in the form CCYYMMDD This is the date the customer moves from the current service location.			

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Segment: **SE** **Transaction Set Trailer**
Position: 150
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.

Requests: Required
Responses: Required

Notes: SE~28~000000001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Mand.	**SE01**	**96**	**Number of Included Segments**	**M N0 1/10**
Mand.	**SE02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			This identifier is the same identifier used in ST02 that started this transaction set.	

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EXAMPLES

These examples are presented for illustrative purposes only. Although they are syntactically correct with respect to the published transaction standard for TS814 Drop Request & Response, it should be understood that these examples reflect certain assumptions regarding optional and conditional data segments in this standard. Accordingly, these examples are not necessarily indicative of the manner in which a specific Utility or ESCO would map a specific transaction.

Scenario 1: Utility initiated Drop Request - Customer switch to new ESCO

ST*814*0001/	Transaction Set header; transaction defined is an 814; control number assigned by originator
BGN*13*ORRQEL0220010615*20060626/	Transaction is a Request; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*006827749/	ESCO Name and DUNS number
N1*8S*/ORANGE ROCKLAND*1*006994735/	Utility Name and DUNS number
N1*8R*SMITHS POULTRY/	Customer Name
LIN*AACCDD0102006A*SH*EL*SH*CE/	Unique transaction reference number; service is Electric
ASI*7*024/	Transaction is a Request for a customer Drop
REF*1P*CHA/	Reason for drop is code CHA, customer change to another service provider
REF*11*E0378956/	ESCO assigned account number for the customer
REF*12*1880077000*U/	Utility assigned account number for the customer; Drop Request is for the un-metered service on the account
DTM*151*20060717/	Effective Date for this Drop
SE*14*0001/	Transaction Set trailer; segment count; control number

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Scenario 2: ESCO initiated Drop Request - ESCO terminates commodity service to customer

ST*814*0001/	Transaction Set header; transaction defined is an 814; control number assigned by originator
BGN*13*20000301145101*20060626/	Transaction is a Request; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*006874591/	ESCO Name and DUNS number
N1*8S*NYSEG*1*006977763/	Utility Name and DUNS number
N1*8R*FRANK'S AUTOBODY/	Customer Name
LIN*AACCDD0102099B*SH*GAS*SH*CE/	Unique transaction reference number; service is Gas
ASI*7*024/	Transaction is a Request for a customer Drop
REF*1P*B38/	Reason for drop is code B38, customer is dropped by ESCO
REF*11*33P00697800/	ESCO assigned account number for the customer
REF*12*N020000003178607/	Utility assigned account number for the customer
SE*11*0001/	Transaction Set trailer; segment count; control number

Scenario 2: Utility Accept Response

ST*814*0001/	Transaction Set header; transaction defined is an 814; control number assigned by originator
BGN*11*20020402072434*20060628***20000301145101/	Transaction is a Response; Unique id number for this transaction; transaction creation date; BGN02 Id from Request transaction
N1*SJ*ESCO NAME*1*006874591/	ESCO Name and DUNS number
N1*8S*NYSEG*1*006977763/	Utility Name and DUNS number
LIN*10750003798*SH*GAS*SH*CE/	Unique transaction reference number; service is Gas
ASI*WQ*024/	Transaction is an accept Response to a customer Drop Request
REF*12*N020000003178607/	Utility assigned account number for the customer
DTM*151*20060901/	Effective Date of the Drop for this customer
SE*9*0001/	Transaction Set trailer; segment count; control number

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Scenario 3: Utility initiated Drop Request containing Account Number Error

ST*814*0001/	Transaction Set header; transaction defined is an 814; control number assigned by originator
BGN*13*20060702UTILITYREQ01*20060703/	Transaction is a Request; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*006852345/	ESCO Name and DUNS number
N1*8S*UTILITY NAME*1*006977763/	Utility Name and DUNS number
N1*8R*BARNEY'S DELI/	Customer Name
LIN*3360000187300*SH*EL*SH*CE/	Unique transaction reference number; service is Electric
ASI*7*024/	Transaction is a Request for a customer Drop
REF*1P*020/	Reason for drop is customer moved
REF*12*035310500210000/	(erroneous)Utility assigned account number for the customer
DTM*151*20060901/	Effective Date of the Drop for this customer
SE*11*0001/	Transaction Set trailer; segment count; control number

Scenario 3: ESCO Reject Response

ST*814*0001/	Transaction Set header; transaction defined is an 814; control number assigned by originator
BGN*11*200607040000151*20060704***20060702UTILITYREQ01/	Transaction is a Response; Unique id number for this transaction; transaction creation date; BGN02 Id from Request transaction
N1*SJ*ESCO NAME*1*006852345/	ESCO Name and DUNS number
N1*8S*UTILITY NAME*1*006977763/	Utility Name and DUNS number
LIN*ABCD0000025A*SH*EL*SH*CE/	Unique transaction reference number; service is Electric
ASI*U*024/	Drop Request transaction is rejected
REF*7G*A76/	Reject Response Reason; A76 indicates erroneous Utility account number was supplied in the Drop Request
REF*12*035310500210000/	Utility assigned account number for the customer; in this case the incorrect account number on the request is echoed back
SE*9*0001/	Transaction Set trailer; segment count; control number

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Scenario 4: ESCO Initiated Drop Request - ESCO is not Supplier of Record

ST*814*0001/	Transaction Set header; transaction defined is an 814; control number assigned by originator
BGN*13*20060613DR00002*20060614/	Transaction is a Request; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*006874591/	ESCO Name and DUNS number
N1*8S*NFGD*1*844749010/	Utility Name and DUNS number
N1*8R*HAMPTON INN/	Customer Name
LIN*ABCD000013*SH*GAS*SH*CE/	Unique transaction reference number; service is Gas
ASI*7*024/	Transaction is a Request for a customer Drop
REF*1P*CHA/	Reason for drop is code CHA, customer change to another service provider
REF*VI*2112345567/	The Gas Pool Id assigned to the customer being dropped
REF*11*GS01069564/	ESCO assigned customer account number
REF*12*2051313920/	Utility assigned customer account number
SE*11*0001/	Transaction Set trailer; segment count; control number

Scenario 4: Utility Reject Response

ST*814*0001/	Transaction Set header; transaction defined is an 814; control number assigned by originator
BGN*11*8J10003746*20060616***20060613DR00002/	Transaction is a Response; Unique id number for this transaction; transaction creation date; BGN02 Id from Request transaction
N1*SJ*ESCO NAME*1*006874591/	ESCO Name and DUNS number
N1*8S*NFGD*1*844749010/	Utility Name and DUNS number
LIN*11X000365*SH*GAS*SH*CE/	Unique transaction reference number; service is Gas
ASI*U*024/	Drop Request transaction is rejected
REF*7G*A84/	Reject Response Reason; A84 indicates requesting ESCO is not customer's supplier of record
REF*VI*2112345567/	Gas Pool Id from the Request transaction
REF*12*2051313920/	Utility assigned account number for the customer
SE*10*0001/	Transaction Set trailer; segment count; control number

FILED