RHODE ISLAND Electronic Business Transactions Standard

For

Electronic

Data

Interchange

TRANSACTION SET

814

General Request, Response or Confirmation

Ver/Rel 004010

	Summary of Changes
August 2, 1999	Initial Release – Version 99.1
April 15, 2002	Added REF*LO Segment for Load Profile Codes
	Added REF*TD Segments Reason for Change in the LIN and NM1 loops.
	Sequenced the Segments to agree with the UIG Guides
	Added Status reason code tables to REF*7G Segment
June 30, 2004	Added Service Address N3 and N4 segments for MOVE transaction.
	Confirm Change Response transaction added for transactions sent to the LDC from the Supplier only.
	Added Dun's + 4 capability for Suppliers to use on the N1*SJ Segment.
	Dropped the requirement for the mandatory 4 character name on the N1*8R segment for Commercial and Industrial Accounts only.
	Added new Cancel / Drop transaction for Suppliers who have a Drop pending transaction sent in.
July 14, 2004	Added Standard Point Location Code – (Zone) REF030 position at the account level. REF01 = SPL and REF03 = ISO NE Zone name.
	Added REF*TD segment elements for DTM007 and REF*SPL
June 27, 2006	Added Green-Up program for National Grid's MA and RI Customers. This included a DTM and an additional REF*PR segments.
	Added Budget Billing notification REF segment . REF*NR indicates if a customer is on a budget billing plan or not. It is a Y / N field.
	Added the customers ICAP TAG value to outbound 814 and 867 transactions. The 814 required three segments be added.
	A REF*KC segment to alert the supplier that the ICAP Value is blank even though a zero is reflected in the AMT segment.
	A REF*TD*KC has been added to the reason for change segment and an AMT segment to carry the ICAP VALUE. (Remember that an ICAP VALUE can be zero as a valid value. This is why we needed to add a REF*KC segment to tell folks when the zero value is actually blank or no value.

814 General Request, Response or Confirmation

Purpose

This Rhode Island Electronic Business Transaction, EBT, Implementation Standard contains the format and establishes the data contents of the General Request, Response or Confirmation Transaction Set (814), as prescribed by the RI EBT document for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set will be used to request actions to be performed, or to confirm information related to actions performed for or on behalf of Customers.

Notes

This Implementation Guideline is designed to be used in the deregulated, alternative energy supply environment to support the supply of products or services, or alternative energy supply. The primary processes addressed by this Transaction Set (814) are the customer request for enrollment with a third party supplier, the maintenance of customer account information, the unenrollment from the third party Supplier and a request for a customers historical usage.

The principal parties involved in this Transaction Set (814) implementation are:

* The end-use customer (Code 8R)
* The entity which provides services to the customer on behalf of another entity (Code 8S)
* The entity which has the primary business relationship with the customer (Code SJ)

When this transaction set is used in an alternative energy supply environment, Code 8S identifies the local distribution utility (LDC or UDC) and Code SJ identifies the alternative energy service provider (ESP) – the supplier.

814 General Request, Response or Confirmation

Best Practices

Global Best Practices

Use of Text Segments
- The note (NTE) segment should be avoided because this segment is not machine-readable. Other text segments, such as MSG and PID, may be used if their use will lead to machine processable information in subsequent applications.

Use of ZZ Qualifier
- The use of data fields to transmit uncoded or textual information **should be avoided**. This practice is usually associated with the use of the ZZ qualifier as a normal course of doing business.

997 - Functional Acknowledgment
- The purpose of the 997 is to verify receipt of a transmitted document only, not the acceptance of the document. For example, the acceptance of a purchase order (850) is accomplished through the use of the purchase order acknowledgment transaction (855).

Interchange Control Number
- A unique and sequential interchange control number should be used on every envelope that is transmitted to a trading partner. This approach will allow the receiver to audit the interchange for any duplicate or missing transmissions.

Use of Dun & Bradstreet (D-U-N-S) Number
- Dun & Bradstreet assigns a nine-digit identification number to every business entity. This number, known as the D-U-N-S number, should be used to identify the trading partners. A trading partner may append a four-digit suffix to the D-U-N-S number to uniquely identify a specific location within the entity; this number is referred to as a D-U-N-S + 4 number

Banking Transactions
- Guidelines that outline the use of transactions relating to interactions between a sender and the sender's financial institution are available from the Bankers EDI Council and the NACHA EDI Council. Other publications that address the use of financial payment transactions include Technical Report 1 (TR1) and Technical Report 2 (TR2); both of these publications are available from DISA.

Capitalization
- The use of all upper case (capital) letters is preferred over the use of mixed upper and lower case letters.

Document-Specific Best Practices

Use of the N1 Loop
- If any one entity performs more than one of the business functions provided for in the N1, the loop should be repeated as necessary to identify that entity as the provider of those functions.

Use of the LIN Segment
- The UIG recommends that one 814 be limited to one service account for a single commodity (electric or gas). This single service account may have more than one meter associated with it, in which case a separate LIN loop should be used for each meter. The LIN loop contains data relative to a service associated with the service account; e.g., enrollment with an ESP. When Responding to a Request transaction, the best practice is to identify the LIN segments (LIN01) with the same identification sent in the Request LIN01.

Use of the LIN/REF Segment
- Three conventions for the Detail LIN/REF segment (position 030) are provided in this implementation guideline:
  - One to convey status reason codes in response to a Request.
  - One to convey change reason codes in a Request for account maintenance.
  - One to convey account level reference information.
  To allow for multiple rejection reasons when a Request is rejected, the   convention is to
  transmit the status reasons in the LIN/REF segment (position 030)   rather   than   in   the
  ASI03 element, **even if there is only one rejection reason.**

Definitions for Data Elements 128 (REF01), 306 (ASI01), and 875 (ASI02)
- To accommodate the identification requirements necessitated by the restructuring of the electric utility industry, the UIG has developed its own definitions for the qualifiers and codes found in data elements 128, 306, and 875.

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814 General Request, Response or Confirmation

Functional Group ID=GE

Introduction:

This Draft 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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			1	
Must Use	040	N1	Name - Distribution Company	O	1		n1
			LOOP ID - N1			1	
Must Use	040	N1	Name - Supplier	O	1		n2
			LOOP ID - N1			1	
Must Use	040	N1	Name - Customer	O	1		n3
	060	N3	Address Information - Service Address	O	2		
	070	N4	Geographic Location - Service Address	O	1		
			LOOP ID - N1			1	
	040	N1	Name - Bill To Identifier	O	1		n4
	060	N3	Address Information - Mailing Address	O	1		
	070	N4	Geographic Location - Mailing Address	O	1		
			LOOP ID - N1			1	
	040	N1	Name - Old Customer Name	O	1		n5

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			1	
Must Use	010	LIN	Item Identification	O	1		
Must Use	020	ASI	Action or Status Indicator	O	1		
Must Use	030	REF	Reference Identification - Supplier Account Number	O	1		
Must Use	030	REF	Reference Identification - Distribution Account Number	O	1		
	030	REF	Reference Identification - Old Distribution Co. Acct Number	O	1		
	030	REF	Reference Identification - Billing Cycle	O	1		
Must Use	030	REF	Reference Identification - Billing Option	O	1		
	030	REF	Reference Identification - Public Aggregator	O	1		
	030	REF	Reference Identification - Status Reason Codes	O	>1		
	030	REF	Reference Identification - Reason For Change	O	>1		
	030	REF	Reference Identification - STD Point Location Code	O	>1		
	030	REF	Reference Identification - Current Budget	O	>1		

			Billing Status			
	030	REF	Reference Identification - No ICAP Tag	O	>1	
	040	DTM	Date/Time Reference - Effective	O	1	
	060	AMT	Monetary Amount - Sales Tax	O	1	
	060	AMT	Monetary Amount - ICAP Tag	O	1	
			LOOP ID - NM1		>1	
Must Use	080	NM1	Individual or Organizational Name	O	1	n6
	130	REF	Reference Identification - Old Service Identifier	O	1	
	130	REF	Reference Identification - Load Profile	O	1	
	130	REF	Reference Identification - Service Identifier	O	1	
	130	REF	Reference Identification - Distribution Company Rate Code	O	1	
	130	REF	Reference Identification - Type of Service	O	1	
	130	REF	Reference Identification - Supplier Pricing Structure	O	1	
	130	REF	Reference Identification - Supplier Pricing Structure Green-up Program	O	1	
	130	REF	Reference Identification - Supplier Rate Code	O	1	
	130	REF	Reference Identification - Reject Reason Codes	O	>1	
	130	REF	Reference Identification - Reason for Change	O	>1	
M	150	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The N1 loop is used to identify the transaction sender and receiver.
2. The N1 loop is used to identify the transaction sender and receiver.
3. The N1 loop is used to identify the transaction sender and receiver.
4. The N1 loop is used to identify the transaction sender and receiver.
5. The N1 loop is used to identify the transaction sender and receiver.
6. The NM1 loop is used to identify the parties associated with the individual line item (LIN), such as an individual consumer in a consolidated third party Consumer Service Provider transaction.

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		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			814 **General Request, Response or Confirmation**	
M	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Unique number generated by Sender's Translator	

	Segment:	**BGN** Beginning Segment			
	Position:	020			
	Loop:				
	Level:	Heading			
	Usage:	Mandatory			
	Max Use:	1			
	Purpose:	To indicate the beginning of a transaction set			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BGN01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

06		**Confirmation**

Distribution company to Supplier
   Confirms Successful Enrollment Received
   Confirms Drop of Service Received

11		**Response**

Distribution Company to Supplier
   Enrollment Error Response
   Change Error/Successful Response
   Drop Error Response
   Cancel Drop Error/Successful Response

13		**Request**

Distribution Company to Supplier
   Change Enrollment Information

Supplier to Distribution Company
   Enrollment Request
   Change Enrollment Information
   Supplier Drops Customer
   Supplier Cancels Customer Drop

14		**Advance Notification**

Distribution Company to Supplier
   Customer Move
   Customer Drops Supplier

M	BGN02	127	**Reference Identification**	**M AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

A unique transaction identification number, assigned by the originator of this transaction. The identification number must be unique over time.

M	BGN03	373	**Date**	**M DT 8/8**

Date expressed as CCYYMMDD

The transaction creation date. This is the date that the transaction was created by the sender's application system.

Segment:	**N1**	Name - Distribution Company			
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				

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			8S **Consumer Service Provider (CSP)**		
			Distribution Company		
	N102	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
			Distribution Company Name (Text)		
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1 **D-U-N-S Number, Dun & Bradstreet**		
Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			Distribution Company D-U-N-S Number		

			Segment:	**N1** Name - Supplier

Segment: **N1** Name - Supplier
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

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**		**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			SJ	**Service Provider**	
			Supplier		
	N102	93	**Name**		**X AN 1/60**
			Free-form name		
			Supplier Name (Text)		
Must Use	N103	66	**Identification Code Qualifier**		**X ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1	**D-U-N-S Number, Dun & Bradstreet**	
			9	**D-U-N-S+4, D-U-N-S Number with Four Character Suffix**	
Must Use	N104	67	**Identification Code**		**X AN 2/80**
			Code identifying a party or other code		
			Supplier D-U-N-S Number or D-U-N-S + 4 Number		

			Segment:	**N1** Name - Customer

Segment: **N1** Name - Customer
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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

8R		**Consumer Service Provider (CSP) Customer**

Customer

	Ref. Des.	Data Element	Name	Attributes
Must Use	N102	93	Name	X AN 1/60

Free-form name

Distribution Company Customer Name
For Residential customers, this field will contain the first four characters of the Customers' last name as it appears on the bill.
For Commercial and Industrial customers, this field will contain the first four characters of the Company name as it appears on the bill.

Segment:	**N3** Address Information - Service Address				
Position:	060				
Loop:	N1	Optional (Must Use)			
Level:	Heading				
Usage:	Optional				
Max Use:	2				
Purpose:	To specify the location of the named party				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	Address Information	M	AN 1/55
			Address information		
			Customer Service Address		
	N302	166	Address Information	O	AN 1/55
			Address information		

Segment: **N4** **Geographic Location - Service Address**
Position: 070
Loop: N1   Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		

Segment:	**N1** Name - Bill To Identifier		
Position:	040		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

    BT   **Bill-to-Party**

Used to identify a billing address for the customer associated with the service account identified in the NM1/REF segment. Only sent if Mailing Address is different than the Customer's Service Address. Changes to Mailing addresses, including when Mailing Address is changed to the Service Address, should be sent in an 814 Change request using the N1*BT segment.

Must Use	**N102**	**93**	**Name** **X AN 1/60**

Free-form name

    NV   **No Value**

	Segment:	**N3** Address Information - Mailing Address
	Position:	060
	Loop:	N1 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify the location of the named party
		Required for Billing Address if different than Service Address

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	M AN 1/55
			Address information	
			Bill To Address	
	N302	166	**Address Information**	O AN 1/55
			Address information	
			Additional Address Information	

Segment: **N4** Geographic Location - Mailing Address
Position: 070
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Required for Billing Address if different than Service Address

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
		Bill To City Name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
		Bill To State Code		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		Bill To Postal Code		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		
		Bill To Country Code (i.e. USA)		

Segment:	**N1** Name - Old Customer Name		
Position:	040		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

AO   **Account Of**

Used to identify the former name or service address for the current end use customer. Used when the customer name or written service address has changed. The new, replacement name or address will be qualified by 8R.

	Ref. Des.	Data Element	Name	Attributes
Must Use	N102	93	Name	X AN 1/60

Free-form name

Former Account Customer Name

For Residential customers, the field will contain the first four characters of the Customers' last name as it appears on the bill.
For Commercial and Industrial customers, this field will contain the first four characters of the Company name as it appears on the bill.

	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
	Notes:	Notes: A separate LIN loop is used for each meter, i.e., one LIN per meter, one meter per LIN.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LIN01	350	**Assigned Identification**	**O AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set	
			A unique sequential number for each line item within this transaction set.	
M	LIN02	235	**Product/Service ID Qualifier**	**M ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			SH **Service Requested**	

			Distribution Company to Supplier
			    Change Enrollment Information
			
			Supplier to Distribution Company
			    Enrollment Request
			    Change Enrollment Information
			    Supplier Drops Customer
			    Cancel/Drop Request	

			SV **Service Rendered**	

			Distribution Company to Supplier
			    Successful Enrollment Response Received
			    Customer Move
			    Enrollment Error Response
			    Change Error Response
			    Drop Error Response
			    Customer Drops Supplier
			    Cancel/Drop Response
			    Confirm Drop of Service	

M	LIN03	234	**Product/Service ID**	**M AN 1/48**
			Identifying number for a product or service	
			EL **Electric Service**	
			Indicates a customer request to obtain electric service.	
Must Use	LIN04	235	**Product/Service ID Qualifier**	**X ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			SH **Service Requested**	
Must Use	LIN05	234	**Product/Service ID**	**X AN 1/48**
			Identifying number for a product or service	
			CE **Customer Enrollment**	
			HU **Historical Usage**	
			Indicates an ESP request to obtain historical usage information for this customer. This information would be returned on an EDI 867 Transaction Set.	

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ASI01	306	**Action Code**	M ID 1/2

Code indicating type of action

7   **Request**

Supplier To Distribution Company:
Enroll Customer
Change Supplier Company Data
Supplier Drops Customer
Historical Usage Request
Cancel Drop Request

Distribution Company To Supplier:
Customer Drops Supplier
Change Distribution Company Data

27   **Moved - Follow Up**

Distribution Company To Supplier:
Used to designate a seamless transfer of ESP when a customer moves within a Utility's service territory.

U   **Reject**

Distribution Company To Supplier:
Error Response

V   **Respond**

Distribution Company To Supplier:
Confirm Drop Date

WQ   **Accept**

Distribution Company To Supplier:
Successful Enrollment
Successful Change
Successful Cancel of previous Drop Request

	Ref. Des.	Data Element	Name	Attributes
M	ASI02	875	**Maintenance Type Code**	M ID 3/3

Code identifying the specific type of item maintenance

001   **Change**

Supplier To Distribution Company:
Change Supplier Company Data

Distribution Company To Supplier
Successful Change Response
Distribution Company To Supplier:
Supplier Change Data Error Response
Distribution Company Changed Data

021   **Addition**

	Use when requesting or confirming a new service. Supplier To Distribution Company: Enroll Customer
	Distribution Company To Supplier: Successful Enrollment Error on Enrollment Transaction
024	**Cancellation or Termination**
	Supplier To Distribution Company: Supplier Drops Customer
	Distribution Company To Supplier: Customer Drops Supplier Confirm Drop Date Error on Supplier Drop Transaction
025	**Reinstatement**
	To place in force again, without the usual probationary or service period.
	Distribution Company To Supplier: Customer Move
026	**Correction**
	Used when requestion a cancelation of a previously requested drop transaction. Supplier to Distribution Company: Cancel Drop
	Distribution Company to Supplier Successful Cancellation of the Drop transaction Error on Cancel Drop transaction
066	**Status Request**
	Supplier To Distribution Company: Historical Usage Request
	Distribution Company To Supplier: Historical Usage Error Response
	Distribution Company To Supplier: Historical Usage Error Response

Segment:	**REF** Reference Identification - Supplier Account Number	
Position:	030	
Loop:	LIN	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify identifying information	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
		11	**Account Number**		
			Supplier		
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Supplier Account Number for the end use customer.		

Segment:	**REF** Reference Identification - Distribution Account Number		
Position:	030		
Loop:	LIN	Optional (Must Use)	
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	1		
Purpose:	To specify identifying information		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
		12	**Billing Account**	
			Distribution Company	
Must Use	**REF02**	**127**	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Distribution Company - assigned end use customer account number.	

Segment:	**REF** Reference Identification - Old Distribution Co. Acct Number			
Position:	030			
Loop:	LIN	Optional (Must Use)		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To specify identifying information			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
		45	**Old Account Number**		
			Distribution Company		
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Distribution Company - Old Account Number for the end use customer.		

Segment:	**REF** Reference Identification - Billing Cycle			
Position:	030			
Loop:	LIN	Optional (Must Use)		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To specify identifying information			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
		BF	**Billing Center Identification**		
			Billing cycle.		
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Billing cycle number when the bill will be rendered.		

		Segment:	**REF** Reference Identification - Billing Option

Segment: **REF** Reference Identification - Billing Option
Position: 030
Loop: LIN   Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**

Code qualifying the Reference Identification

> **BLT**   **Billing Type**
>
> Identifies whether the bill is consolidated by the LDC or whether each party will prepare their own bill. See REF02 for valid values.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF02**	**127**	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

> LDC   The Distribution Company bills the customer for both the distribution company and supplier charges. (Complete Billing)
>
> DUAL   The Distribution Company and the Supplier bill the customer their own charges with separate bills. (Pass thru Billing)

Segment:	**REF** Reference Identification - Public Aggregator		
Position:	030		
Loop:	LIN	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify identifying information		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
			Identifies a public or private group that aggregates customers and contracts load on their behalf.	
			PG **Product Group**	
			Aggregator Code	
Must Use	**REF02**	**127**	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Aggregator Code	

Segment:	**REF** Reference Identification - Status Reason Codes
Position:	030
Loop:	LIN Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Notes:	This convention of the REF segment is used primarily to convey status reason codes in response to a Request. These codes are used to identify successful or unsuccessfull transaction completeness, invalid fields or other problems on the error response transaction. If multiple errors are detected, a separate REF segment will be sent for each error.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	**M ID 2/3**

Code qualifying the Reference Identification

7G	**Data Quality Reject Reason**

Reject reasons associated with a reject status notification.

Must Use	REF02	127	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

The following codes have been identified by the UIG to convey status reason codes. Other codes may be used by agreement of the trading partners when necessary.

A13	**Other**

The following codes have been identified to convey status reason codes. Other codes may be used by agreement of the trading partners when necessary.

AID	**ISO Asset ID Invalid**
AIM	**ISO Asset ID Not Provided**

Must Use	REF03	352	**Description**	**X AN 1/80**

A free-form description to clarify the related data elements and their content

Used to further describe the status reason code sent in REF02.
STATUS CODES
Completion Status Codes (C.S.C.)
   100 Successful Transaction
Errors on Transaction
Account (A) and Service (S) Level
Error Codes
A   101 Invalid Detail Record Indicator
A   102 Invalid Supplier Account Number
A   103 Invalid Distribution Comapny Account Number
A   104 Invalid Distribution Company Customer Name
A   107 Invalid Billing Option
S   109 Invalid Supplier Rate Code
S   110 Invalid Supplier Pricing Option
S   111 Invalid Type of Service Indicator
S   112 Invalid Service Identifier
A   114 Invalid Sales Tax Indicator
A   153 Invalid Supplier Identifier
A   154 Invalid Distribution Company Identifier
A   164 Customer Already Enrolled
A   165 Supplier on Probation

S   166 Related Transaction Failed
A   167 Customer Already Enrolled for Same Supplier
A   170 Invalid Public Aggregator Code
A   177 Invalid Customer Status
A   178 No Customer History Available

	Segment:	**REF** Reference Identification - Reason For Change
	Position:	030
	Loop:	LIN Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify identifying information
	Notes:	This convention of the REF segment is used for account maintenance, to convey change reason codes. The codes used in REF02 are maintained by the UIG. The first portion of the code identifies the segment that contains the data that has been changed; the remaining portion of the code identifies the relevant code qualifier for the data that has been changed. The changed data will appear in the appropriate element of the identified segment. For example, a REF02 code of N18R indicates that the data in the N1 segment that is identified by the qualifier 8R (i.e., Customer Name) has been changed to the value now shown in N102. If multiple changes are submitted on the same 814, there may be multiple REF*TD segments identifying each field to be changed.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			TD **Reason for Change**	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

AMTDP	**Change Percentage of Service Tax Exemption**
AMTKC	**Change Capacity Obligation**
DTM007	**Change Effective Date**
N18R	**Change in Customer Name**
N1BT	**Change Bill To Name/Address**
REF11	**Change Supplier Assigned Account Number for the end use Customer**
REF12	**Change Distributor Assigned Account Number for the end use Customer**
REF1J	**Change ISO Asset Identifier**
REFBF	**Change Billing Cycle**
REFBLT	**Change Billing Type (Bill Presenter)**
REFSPL	**Change STD Point Location Code - (Zone)**

Segment:	**REF**	Reference Identification - STD Point Location Code
Position:	030	
Loop:	LIN	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Notes:	The Independent System Operator for New England (ISO-NE) has established 8 zonal areas within New England Power Pool in support of FERC's Standard Market Design rules. Each customer will be associated to a zone within the ISO as determined by the Local Distribution Company. Energy will be delivered to these zones, for customers within the zone, by their energy suppliers. The zone is a new attribute of a customer's account that needs to be provided to the Energy Supplier to enable them to manage their supply. The zone attribute will be returned as part of a successful enrollment response to a supplier enrollment request. If the zone is changed by the LDC, during the period served by the supplier, an 814 Change transaction will be issued by the LDC with the new REF*SPL**ZONE identified. The zone would also be issued on a MOVE transaction and a successful response to a Historical Usage Request, 867 Document.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

> **SPL**   **Standard Point Location Code (SPLC)**
>
> Standard Point Location Code (SPLC)
> Point at which the customer is connected to the transmission grid (ISO NE Zone).
> This represents the Wholesale Settlement Zone.

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF03	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

> ISO NE ZONES:
>   CONNECTICUT
>   MAINE
>   NEMASSBOST
>   NEWHAMPSHIRE
>   RHODEISLAND
>   SEMASS
>   VERMONT
>   WCMASS

Segment:	**REF** Reference Identification - Current Budget Billing Status		
Position:	030		
Loop:	LIN	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify identifying information		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			NR **Progress Payment Number**	
			The enrolling customer is on budget billing.	
	REF02	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			N **The enrolling customer is not on budget billing.**	
			Y **The enrolling customer is, or will be, on budget billing.**	

Segment:	**REF** Reference Identification - No ICAP Tag	
Position:	030	
Loop:	LIN	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

>   **KC**   **Exhibit Distribution List**
>   Capacity obligation/Load responsibility - Peak Load contribution provided to the ISO for installed Capacity Obligations.

	Ref. Des.	Data Element	Name	Attributes	
	REF02	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Literal "NO ICAP TAG"
The REF*KC segment will only be sent if the ICAP Tag value in the Application file is blank. (A default value of Zero will be entered in the AMT Segments AMT02 element.)

Segment:	**DTM** Date/Time Reference - Effective		
Position:	040		
Loop:	LIN	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify pertinent dates and times		
Notes:	To specify a time zone (DTM04), both DTM03 and DTM04 must be present. Therefore, if specification of a time zone is necessary, DTM06 should include only the date, not the time.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			007 **Effective**	
			Date upon which an addition, change, or deletion is requested to become effective or will become effective.	
Must Use	DTM05	1250	**Date Time Period Format Qualifier**	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			D8 **Date Expressed in Format CCYYMMDD**	
Must Use	DTM06	1251	**Date Time Period**	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	
			Effective Date of Service in CCYYMMDD format only.	

Segment:	**AMT** Monetary Amount - Sales Tax	
Position:	060	
Loop:	LIN	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To indicate the total monetary amount	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	AMT01	522	Amount Qualifier Code	M ID 1/3

Code to qualify amount

DP	**Exemption**

This code is used when a portion of the provided service is exempt from taxation. Element AMT02 identifies the percentage of the service that is tax exempt.

T	**Tax**

This code used to identify the entire load as taxable.

	Ref. Des.	Data Element	Name	Attributes
M	AMT02	782	Monetary Amount	M R 1/18

Monetary amount

For percentage values, the whole number "1" represents 100 percent. Decimal numbers less than "1" represent percentages from 1 percent to 99.99 percent.

1	**100 percent**

This code is used when the customer is either 100% taxable or 100% exempt.

Segment:	**AMT** Monetary Amount - ICAP Tag		
Position:	060		
Loop:	LIN	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To indicate the total monetary amount		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	AMT01	522	Amount Qualifier Code	M ID 1/3

Code to qualify amount

KC   **Obligated**

Capacity Obligation - Load responsibility - Peak load contribution provided to the ISO for installed Capacity Obligations.

	Ref. Des.	Data Element	Name	Attributes
M	AMT02	782	Monetary Amount	M R 1/18

Monetary amount

ICAP TAG VALUE (Should never be blank. If the ICAP TAG Application file field is blank the default will be zero for this field, otherwise, it will either be zero or greater). Field format is 5.3 or 5 places to the left of the decimal and 3 places to the right of the decimal.) (To determine if a zero in this fioekld is the ICAP TAG or the default value refer to the REF*KC segment REF02 element description).

	Segment:	**NM1** Individual or Organizational Name
	Position:	080
	Loop:	NM1 Optional (Must Use)
	Level:	Detail
	Usage:	Optional (Must Use)
	Max Use:	1
	Purpose:	To supply the full name of an individual or organizational entity
	Notes:	This segment is used to convey meter level information. Only NM101 and NM102 are required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**NM101**	**98**	**Entity Identifier Code**	**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			MQ Metering Location	
M	**NM102**	**1065**	**Entity Type Qualifier**	**M ID 1/1**
			Code qualifying the type of entity	
			3 Unknown	
			Placeholder field only.	

Segment:	**REF**	Reference Identification - Old Service Identifier	
Position:	130		
Loop:	NM1	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify identifying information		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
		46	**Old Meter Number**	
			Identifies the customers' old specific service.	
Must Use	**REF02**	**127**	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			The reference identification could be an old meter number or other old service code or number.	

			Segment:	**REF** Reference Identification - Load Profile

Segment: **REF**   Reference Identification - Load Profile

Position: 130
Loop: NM1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			LO **Load Planning Number**		
			Load Profile		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Load Profile Code		

Segment:	**REF** Reference Identification - Service Identifier				
Position:	130				
Loop:	NM1	Optional (Must Use)			
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To specify identifying information				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			MG **Meter Number**		
			Identifies a specific service.		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			The reference identification could be a meter number or other service code or number		

			Segment:	**REF** Reference Identification - Distribution Company Rate Code

Segment: **REF** Reference Identification - Distribution Company Rate Code
Position: 130
Loop: NM1   Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			NH **Rate Card Number**	
			Rate Class or Tariff Identifier.	
Must Use	REF02	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Distribution Company Rate or Tariff Code.	

	Segment:	**REF** Reference Identification - Type of Service
	Position:	130
	Loop:	NM1 Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

    PRT   **Product Type**

Identifies the type of service being provided to the customer.

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF02	127	**Reference Identification**	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Used to identify the means by which service is provided to the customer.
It may also Identify the type of metering installed or the type of unmetered service being provided to the customer.

Available Values are:

A = Apply to All Services
C = Combined Service (Multiple Meters Billed as a Summary)
D = Metered Service Demand & kWh
E = Metered Service kWh
F = Metered Service TOU - Off Peak
H = Controlled Hot Water
L = Lighting Service
N = Non-Metered Service
O = Metered Service TOU - On Peak
T = Metered Service TOU

	Segment:	**REF** Reference Identification - Supplier Pricing Structure
	Position:	130
	Loop:	NM1 Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

      PR   **Price Quote Number**

Identifies a unit price category under a rate code for the customer.

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF02	127	**Reference Identification**	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Unit pricing category code.

Segment:	**REF**	Reference Identification - Supplier Pricing Structure Green-up Program	
Position:	130		
Loop:	NM1	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify identifying information.		
	National Grid Green-up Program for MA and RI only.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**

Code qualifying the Reference Identification

    PR   **Price Quote Number**

Identifies a unit price category under a rate code for the customer.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF02**	**127**	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Unit pricing category code. 'BLOCK' or 'PERCENT'

	Ref. Des.	Data Element	Name	Attributes
	REF03	**352**	**Description**	**X AN 1/80**

A free-form description to clarify the related data elements and their content

Units - Seven positions max.
Block = 1 to 999999999
Percent = 025, 050, 075, or 100 increments only.

Segment:	**REF**	**Reference Identification - Supplier Rate Code**
Position:	130	
Loop:	NM1	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify identifying information	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			RB **Rate code number**		
			Identifies the Supplier Rate Class for this customer.		
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Supplier Rate Class code.		

	Segment:	**REF** Reference Identification - Reject Reason Codes
	Position:	130
	Loop:	NM1 Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify identifying information
	Notes:	This convention of the REF segment is used primarily to convey status reason codes in response to a Request. These codes are used to identify successful or unsuccessfull transaction completeness, invalid fields or other problems on the error response transaction. If multiple errors are detected, a separate REF segment will be sent for each error.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	REF01	128	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			7G **Data Quality Reject Reason**		
			Reject reasons associated with a reject status notification.		
Must Use	REF02	127	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			The following codes have been identified by the UIG to convey status reason codes. Other codes may be used by agreement of the trading partners when necessary.		
			A13 **Other**		
			The following codes have been identified to convey status reason codes. Other codes may be used by agreement of the trading partners when necessary.		
			AID **ISO Asset ID Invalid**		
			AIM **ISO Asset ID Not Provided**		
Must Use	REF03	352	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Used to further describe the status reason code sent in REF02.		

Used to further describe the status reason code sent in REF02.
STATUS CODES
Completion Status Codes (C.S.C.)
   100   Successful Transaction
Errors on Transaction
Account (A) and Service (S) Level
Error Codes
A   101 Invalid Detail Record Indicator
A   102 Invalid Supplier Account Number
A   103 Invalid Distribution Comapny Account Number
A   104 Invalid Distribution Company Customer Name
A   107 Invalid Billing Option
S   109 Invalid Supplier Rate Code
S   110 Invalid Supplier Pricing Option
S   111 Invalid Type of Service Indicator
S   112 Invalid Service Identifier
A   114 Invalid Sales Tax Indicator
A   153 Invalid Supplier Identifier
A   154 Invalid Distribution Company Identifier
A   164 Customer Already Enrolled
A   165 Supplier on Probation

S	166	Related Transaction Failed
A	167	Customer Already Enrolled for Same Supplier
A	170	Invalid Public Aggregator Code
A	177	Invalid Customer Status
A	178	No Customer History Available

Segment:	**REF** Reference Identification - Reason for Change		
Position:	130		
Loop:	NM1	Optional (Must Use)	
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify identifying information		
Notes:	This convention of the REF segment is used for account maintenance, to convey change reason codes. The codes used in REF02 are maintained by the UIG. The first portion of the code identifies the segment that contains the data that has been changed; the remaining portion of the code identifies the relevant code qualifier for the data that has been changed. The changed data will appear in the appropriate element of the identified segment. For example, a REF02 code of REFNH indicates that the data in the REF segment that is identified by the qualifier NH (i.e., LDC Rate Code) has been changed to the value now shown in REF02. If multiple changes are submitted on the same 814, there may be multiple REF*TD segments identifying each field to be changed.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			TD **Reason for Change**	
Must Use	REF02	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			REFLO **Change Load Profile Rate Code**	
			REFMG **Change Service Identifier**	
			REFNH **Change LDC Rate Code**	
			REFPR **Change Supplier Unit Pricing Category Code**	
			REFPRT **Change Type of Service**	
			REFRB **Change Supplier Rate Code**	

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)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		