

# New York Implementation Standard

For

# **Sandard Electronic Transactions**

TRANSACTION SET

# 503

## Pricing History Request & Response

Ver/Rel 004010

Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015

	<b>Summary of Changes</b>
<b>July 20, 2015</b>	<b>Version 1.0</b> Initial Release

**Draft 06-02-2015**

- ~~Added front matter~~
- ~~Fixed some examples~~
- ~~Fixed ST01 example on ST page~~
- ~~Removed N106 from Utility and ESCO pages~~
- ~~Added REF\*45 Old Utility Account Number~~
- ~~Fixed Accept example at the end of the document to show 0 for the actual charges (due to missed bill window).~~
- ~~Added sample reject response~~

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

	<b>Notes pertaining to the use of this document</b>
Purpose	<ul style="list-style-type: none"> <li>This 503 Pricing History Transaction Set is used to request <u>bill amounts for what the utility would have charged the Customer if it had been the supplier during historic periods for which the requesting ESCO provided supply service to the Customer.</u><del>either electric or gas history on a customer's account. A request for a customer's history data may also be made in conjunction with an enrollment request (See the NY 814- Enrollment Transaction Implementation Guide). These standards are based on the ASC X12 Ver/Rel 004010 standard and related UIG guidelines.</del></li> </ul>
One account per 503	<ul style="list-style-type: none"> <li>Each transaction may contain only one account for one commodity (i.e. electric or gas). ESCO's who want to receive a customer's pricing history for both electric and gas service must transmit two 503 pricing history requests – one for the electric <u>pricing</u> history and another for the gas <u>pricing</u> history.</li> </ul>
All meters per account	<ul style="list-style-type: none"> <li>Except for requests sent to a utility that supports separate enrollment of the un-metered electric service for accounts, an EDI request for <u>consumptionpricing</u> history is a request for history data for all service delivery points (metered and/or un-metered) for the account requested for the commodity indicated.</li> <li>In a service territory where the utility supports separate enrollment of the un-metered electric service for accounts, when both metered and un-metered electric service is present on an account, an ESCO may separately request <u>consumptionpricing</u> history for the electric un-metered service on an account when both metered and un-metered service are present on the same account. To request <u>consumptionpricing</u> history only for the un-metered service on the account the REF03 element in the REF*12 (Utility Account Number) segment should be transmitted.</li> </ul>
Validation Fields	<ul style="list-style-type: none"> <li>Transactions will be validated based on the customer's utility account number (with check digit, if included).</li> </ul>
503 Response is Required	<ul style="list-style-type: none"> <li>The Utility must return an 503 response, either positive or negative, for each history request received.</li> </ul>
Cross referencing Request and Response transactions	<ul style="list-style-type: none"> <li>The BGN02 element in the BGN segment received on a Request transaction must be returned in the BGN06 element of the BGN segment sent in the Response transaction. There must be one Response LIN for each Request LIN sent. The response to LIN loop on the Request must be uniquely identified in the LIN loop on the Response with the same identification sent in the request LIN01.</li> </ul>

# 503 Pricing History

Functional Group ID=**PH**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Pricing History Transaction Set (503) for use within the context of an Electronic Data Interchange (EDI) environment. This bi-directional transaction set can be used by a purchasing party or vendor to request pricing history information for an item. The transaction set can also be used to respond to a request for pricing history information.

## Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BGN	Beginning Segment	M	1		
						LOOP ID - N1	>1
	030	N1	Name (ESCO/ <del>Marketer</del> )	O	1		
						LOOP ID - N1	>1
	030	N1	Name (Utility)	O	1		
						LOOP ID - N1	>1
	030	N1	Name (Customer)	O	1		

## Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - LIN	>1
Must Use	010	LIN	Item Identification	O	1		
	060	REF	Reference Identification (Reject Response Reasons)	O	>1		
	060	REF	Reference Identification (ESCO/ <del>Marketer</del> Customer Account Number)	O	>1		
	060	REF	Reference Identification (Utility Account Number)	O	>1		
	060	REF	Reference Identification (Utility Account Number for ESCO)	O	>1		
	060	REF	Reference Identification (Previous Utility Account Number)	O	>1		
	090	LS	Loop Header	O	1		
						LOOP ID - QTY	>1
	100	QTY	Quantity	O	1		n1
	110	AMT	Monetary Amount (Utility Comparison Amount)	O	>1		
	110	AMT	Monetary Amount (Actual Total)	O	>1		
	110	AMT	Monetary Amount (ESCO Supply Charges)	O	>1		
	110	AMT	Monetary Amount (Utility Supply Comparison Charges)	O	>1		
	120	REF	Reference Identification (Bill Option)	O	>1		
	130	DTM	Date/Time Reference (Service Period Start Date)	O	>1		
	130	DTM	Date/Time Reference (Service Period End Date)	O	>1		

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

	280	LE	Loop Trailer	O	1
M	290	SE	Transaction Set Trailer	M	1

**Transaction Set Notes**

1. The QTY loop can be used to convey pricing information when multiple quantities of the cited item were purchased.

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**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).

**Comments:**

**Notes:** Required  
ST~503~0001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 503 Pricing History	<b>M ID 3/3</b>
Must Use	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**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.

**Comments:**

**Notes:**

Required  
 BGN\*13\*20150719000001\*20150719 (Request)  
 BGN\*44\*20150719000001\*20150719\*\*\*E1234520150718 (Reject Response)  
 BGN\*52\*20150719000001\*20150719\*\*\*E1234520150718 (Accept Response)

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	BGN01	353 <b>Transaction Set Purpose Code</b>	M ID 2/2
		Code identifying purpose of transaction set	
		13 Request	
		44 Rejection	
		52 Response to Historical Inquiry	
Must Use	BGN02	127 <b>Reference Identification</b>	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		A unique transaction identifier number assigned by the originator of this transaction.	
Must Use	BGN03	373 <b>Date</b>	M DT 8/8
		Date expressed as CCYYMMDD	
		The date the transaction was created by the sender's application system in the form CCYYMMDD.	
	BGN06	127 <b>Reference Identification</b>	O AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		This element is not used on a request transaction but is required in a response transaction.	
		The BGN06 element in a Response transaction must contain the transaction id in the BGN02 element in the corresponding Request transaction.	

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **N1** Name (ESCO/~~Marketer~~)  
**Position:** 030  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**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:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.  
**Notes:** Required  
 N1~SJ~ESP COMPANY~9~123456789NY00

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>N101</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SJ Service Provider Identifies the ESCO/ <del>Marketer</del> participating in this transaction.	<b>M ID 2/3</b>
	<b>N102</b>	<b>93 Name</b> Free-form name Free Form ESCO/ <del>Marketer</del> Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO/ <del>Marketer</del> . It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	<b>X AN 1/60</b>
<b>Must Use</b>	<b>N103</b>	<b>66 Identification Code Qualifier</b> 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 24 Employer's Identification Number Federal Tax ID	<b>X ID 1/2</b>
<b>Must Use</b>	<b>N104</b>	<b>67 Identification Code</b> Code identifying a party or other code The D-U-N-S number or the Federal Tax ID	<b>X AN 2/80</b>

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **N1** Name (Utility)  
**Position:** 030  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**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:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.  
**Notes:** Required  
 N1~8S~UTILITY COMPANY~1~123456789

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) Identifies the Utility participating in this transaction.	M ID 2/3
Must Use	N102	93	<b>Name</b> Free-form name Free Form Utility Company Name	X AN 1/60
Must Use	N103	66	<b>Identification Code Qualifier</b> 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 24 Employer's Identification Number Federal Tax ID	X ID 1/2
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code The D-U-N-S number or the Federal Tax ID	X AN 2/80

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **N1** Name (Customer)  
**Position:** 030  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**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:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.  
**Notes:** Request: Required  
 Accept Response: Required  
 Reject Response: Optional  
 N1~8R~CUSTOMER NAME

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 8R Consumer Service Provider (CSP) Customer Identifies the end use customer targeted by this transaction.	M ID 2/3
Must Use	N102	93	Name Free-form name Customer Name	X AN 1/60

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

<b>Segment:</b>	<b>LIN</b> Item Identification
<b>Position:</b>	010
<b>Loop:</b>	LIN Optional (Must Use)
<b>Level:</b>	Detail
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic item identification data
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either LIN04 or LIN05 is present, then the other is required.</li> <li>2 If either LIN06 or LIN07 is present, then the other is required.</li> <li>3 If either LIN08 or LIN09 is present, then the other is required.</li> <li>4 If either LIN10 or LIN11 is present, then the other is required.</li> <li>5 If either LIN12 or LIN13 is present, then the other is required.</li> <li>6 If either LIN14 or LIN15 is present, then the other is required.</li> <li>7 If either LIN16 or LIN17 is present, then the other is required.</li> <li>8 If either LIN18 or LIN19 is present, then the other is required.</li> <li>9 If either LIN20 or LIN21 is present, then the other is required.</li> <li>10 If either LIN22 or LIN23 is present, then the other is required.</li> <li>11 If either LIN24 or LIN25 is present, then the other is required.</li> <li>12 If either LIN26 or LIN27 is present, then the other is required.</li> <li>13 If either LIN28 or LIN29 is present, then the other is required.</li> <li>14 If either LIN30 or LIN31 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 LIN01 is the line item identification
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of IDs.</li> <li>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>
<b>Notes:</b>	<p>Required</p> <p>LIN~1~SH~EL~SH~PH</p>

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
Must Use	LIN01	350 <b>Assigned Identification</b>	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235 <b>Product/Service ID Qualifier</b>	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		SH Service Requested	
Must Use	LIN03	234 <b>Product/Service ID</b>	M AN 1/48
		Identifying number for a product or service	
		Only one commodity (Electric or Gas) may be indicated for each 503 transaction.	
		EL Electric	
		GAS Gas Service	
Must Use	LIN04	235 <b>Product/Service ID Qualifier</b>	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 <b>Product/Service ID</b>	X AN 1/48
		Identifying number for a product or service	
		PH Pricing History	

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **REF** Reference Identification (Reject Response Reasons)  
**Position:** 060  
**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.

**Comments:**  
**Notes:** Request: Not Used  
Accept Response: Not Used  
Reject Response: Required

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 7G Data Quality Reject Reason REF02 contains a reject reason code.	<b>M ID 2/3</b>
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier A13 Other See REF03 A76 Account # not valid A80 Service requested is not available A91 Account does not have service requested Requested commodity does not exist on account.	<b>X AN 1/30</b>
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content Additional text information may be sent in REF03 to aid in resolving a rejected transaction. REF03 must be sent if REF02 contains A13.	<b>X AN 1/80</b>

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **REF** Reference Identification (ESCO/~~Marketer~~ Customer Account Number)  
**Position:** 060  
**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.

**Comments:**  
**Notes:** Request: Optional  
Accept Response: Required if provided on the request  
Reject Response: Optional

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 11 Account Number REF02 is the ESCO/ <del>Marketer</del> Assigned account number for the customer.	<b>M ID 2/3</b>
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ESCO/ <del>Marketer</del> 's assigned account number for the customer.	<b>X AN 1/30</b>

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **REF** Reference Identification (Utility Account Number)  
**Position:** 060  
**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.

**Comments:**  
**Notes:** Request: Required  
Accept Response: Required  
Reject Response: Required if provided on the request  
REF~12~011231287654398  
REF~12~011231287654398~U

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 12 Billing Account REF02 contains the Utility-assigned account number for the customer.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Utility assigned customer account number The utility account number must be supplied without intervening spaces or non-alphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)	X AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content The REF03 element in the REF*12 segment should only be sent to, or received by, <del>a utility that designated such in its Utility Maintained EDI Guide Orange &amp; Rockland</del> when the commodity indicated in the LIN segment is Electric but the request pertains only to the un-metered portion of the electric service on the account. This element should not be sent when the LIN request pertains to all electric service on the account.	X AN 1/80
			U Un-Metered Service	

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **REF** Reference Identification (Utility Account Number for ESCO)  
**Position:** 060  
**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.

**Comments:**  
**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification AJ Accounts Receivable Customer Account REF02 contains the Utility assigned account number for the ESCO	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Utility account number for the ESCO	X AN 1/30

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:**     **REF** Reference Identification (Previous Utility Account Number)  
**Position:**    060  
**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.  
**Comments:**  
**Notes:**        Conditional

This segment must be sent when the utility assigned account number for the customer has changed in the last 90 days.

REF~45~9194132485705971

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 45                    Old Account Number REF02 is the Utility's previous account number for the customer.	<b>M ID 2/3</b>
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Previous Utility Account Number for the Customer. This segment would be sent, for example, when a change in meter reading routes results in a change in the account number assigned to the customer.	<b>X AN 1/30</b>

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **LS** Loop Header  
**Position:** 090  
**Loop:** LIN Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate that the next segment begins a loop  
**Syntax Notes:**  
**Semantic Notes:** 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.  
**Comments:** 1 See Figures Appendix for an explanation of the use of the LS and LE segments.  
**Notes:** Request: Not Used  
Accept Response: Required  
Reject Response: Not Used  
LS\*QTY

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
Must Use	LS01	447 Loop Identifier Code	M AN 1/6
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
		QTY	Start of QTY Looping

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **QTY** Quantity  
**Position:** 100  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**

**Notes:** Request: Not Used  
 Accept Response: Required  
 Reject Response: Not Used  
 QTY\*2M\*\*\*NV

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity 2M Comparison Period	M ID 2/2
Must Use	QTY04	61	<b>Free-Form Message</b> Free-form information NV No Value	X AN 1/30

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **AMT** Monetary Amount (Utility Comparison Amount)  
**Position:** 110  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Request: Not Used  
 Accept Response: Required  
 Reject Response: Not Used  
 AMT\*AD\*102.15

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount AD Adjusted Total Utility Total Charges for Comparison (Utility Supply, Utility Delivery) - Includes distribution, generation, taxes, etc.)	M ID 1/3
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **AMT** Monetary Amount (Actual Total)  
**Position:** 110  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Request: Not Used  
 Accept Response: Required  
 Reject Response: Not Used  
 AMT\*CX\*98.1

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount CX Actual	M ID 1/3
				Actual Total Charges (ESCO Supply, Utility Delivery) - Includes distribution, generation, taxes, etc.)
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **AMT** Monetary Amount (ESCO Supply Charges)  
**Position:** 110  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Request: Not Used  
 Accept Response: Required  
 Reject Response: Not Used  
 AMT\*T3\*52

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount T3	M ID 1/3
			Total Submitted Charges	
			ESCO Supply Charges - Includes generation, taxes.	
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **AMT** Monetary Amount (Utility Supply Comparison Charges)  
**Position:** 110  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Request: Not Used  
 Accept Response: Required  
 Reject Response: Not Used  
 AMT\*TR\*56.05

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount TR Target Cost	M ID 1/3
				Utility Supply Charges for Comparison - Includes generation, taxes)
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/18

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **REF** Reference Identification (Bill Option)  
**Position:** 120  
**Loop:** QTY Optional  
**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.

**Comments:**  
**Notes:** Request: Not Used  
Accept Response: Required  
Reject Response: Not Used  
REF\*BLT\*LDC  
REF\*BLT\*DUAL

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BLT Billing Type Bill Presenter	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DUAL Each Party Presents a Separate Bill LDC Utility is the Consolidated Bill Presenter	X AN 1/30

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **DTM** Date/Time Reference (Service Period Start Date)  
**Position:** 130  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**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:**

**Comments:**

**Notes:**

Request: Not Used  
Accept Response: Required  
Reject Response: Not Used  
DTM\*150\*20150215

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 150 Service Period Start	<b>M ID 3/3</b>
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	<b>X DT 8/8</b>

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **DTM** Date/Time Reference (Service Period End Date)  
**Position:** 130  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**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:**

**Comments:**

**Notes:**

Request: Not Used  
Accept Response: Required  
Reject Response: Not Used  
DTM\*151\*20150313

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 151 Service Period End	<b>M ID 3/3</b>
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	<b>X DT 8/8</b>

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **LE** Loop Trailer  
**Position:** 280  
**Loop:** LIN Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate that the loop immediately preceding this segment is complete  
**Syntax Notes:**  
**Semantic Notes:** 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.  
**Comments:** 1 See Figures Appendix for an explanation of the use of the LE and LS segments.  
**Notes:** Request: Not Used  
Accept Response: Required  
Reject Response: Not Used  
LE\*QTY

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	LE01	447	Loop Identifier Code	M AN 1/6
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
			QTY End of QTY Looping	

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

**Segment:** **SE** Transaction Set Trailer  
**Position:** 290  
**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.

**Notes:** Required

SE\*40\*0001

**Data Element Summary**

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

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

<b>Sample Request</b>	
ST*503*0001	
BGN*13*2015050800001*20150508	13 = Request
N1*8S*UTILITY NAME*1*007909111**40	
N1*SJ* <del>SUPPLIER-ESCO</del> NAME*9*123456798ABCD**41	
N1*8R*CUSTOMER NAME	
LIN*PH2015050800001*SH*EL*SH*PH	
REF*12*9437619003	Utility Account Number
SE*8*0001	

<b>Sample Reject Response</b>	
ST*503*0001	
BGN*44* PHR20150509-009879*20150509	44 = Reject
N1*8S*UTILITY NAME*1*007909111**40	
N1*SJ* <del>SUPPLIER-ESCO</del> NAME*9*123456798ABCD**41	
N1*8R*CUSTOMER NAME	
LIN*PH2015050800001*SH*EL*SH*PH	
REF*12*9437619003	Utility Account Number
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason Code and Text
SE*9*0001	

<b>Sample Accept Response for 3 Months</b>	
ST*503*0001	
BGN*52*PHR20150509-009879*20150509***20 15050800001	
N1*8S*UTILITY NAME*1*007909111**41	
N1*SJ* <del>SUPPLIER-ESCO</del> NAME*9*123456798ABCD**40	
N1*8R*CUSTOMER NAME	
LIN*PH2015050800001*SH*EL*SH*PH	
REF*12*9437619003	
LS*QTY	
QTY*2M***NV	<b>First Month</b>
AMT*AD*102.15	Utility Comparison Amount
AMT*CX*98.1	Actual Total
AMT*T3*52	ESCO Charges
AMT*TR*56.05	Utility Supply Comparison Charges
REF*BLT*LDC	Utility Consolidated Billing
DTM*150*20150103	Service Period Start Date
DTM*151*20150203	Service Period End Date
QTY*2M***NV	<b>Second Month</b>
AMT*AD*75	Utility Comparison Amount
AMT*CX*0	Actual Total
AMT*T3*0	ESCO Charges (Example ESCO Missed the Bill Window)
AMT*TR*40.19	Utility Supply Comparison Charges
REF*BLT*LDC	Utility Consolidated Billing

**Case No. 12-M-0476 et. al.- EDI Business/Technical Working Groups  
Proposed 503 Pricing History Transaction - Implementation Guide - 6/19/2015**

DTM*150*20150303	Service Period Start Date
DTM*151*20150403	Service Period End Date
QTY*2M***NV	<b>Third Month</b>
AMT*AD*110.99	Utility Comparison Amount
AMT*TR*59.05	Utility Supply Comparison Charges
REF*BLT*DUAL	Dual Billing
DTM*150*20150403	Service Period Start Date
DTM*151*20150503	Service Period End Date
LE*QTY	
SE*32*0001	