

New York Implementation Standard

For Standard 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 - 6/12/2015

	Summary of Changes
July 20, 2015	Version 1.0 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 - 6/12/2015**

	Notes pertaining to the use of this document
Purpose	<ul style="list-style-type: none"> This 503 Pricing History Transaction Set is used to request 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.
One account per 503	<ul style="list-style-type: none"> 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 history and another for the gas history.
All meters per account	<ul style="list-style-type: none"> Except for requests sent to a utility that supports separate enrollment of the un-metered electric service for accounts, an EDI request for consumption 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. 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 consumption 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 consumption history only for the un-metered service on the account the REF03 element in the REF*12 (Utility Account Number) segment should be transmitted.
Validation Fields	<ul style="list-style-type: none"> Transactions will be validated based on the customer's utility account number (with check digit, if included).
503 Response is Required	<ul style="list-style-type: none"> The Utility must return an 503 response, either positive or negative, for each history request received.
Cross referencing Request and Response transactions	<ul style="list-style-type: none"> 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.

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>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/Marketer)	O	1		
			LOOP ID - N1			>1	
	030	N1	Name (Utility)	O	1		
			LOOP ID - N1			>1	
	030	N1	Name (Customer)	O	1		

Detail:

	<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/Marketer 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 - 6/12/2015

	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 - 6/12/2015**

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

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

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>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BGN01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			13 Request	
			44 Rejection	
			52 Response to Historical Inquiry	
Must Use	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 identifier number assigned by the originator of this transaction.	
Must Use	BGN03	373	Date	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	Reference Identification	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 - 6/12/2015**

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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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 SJ Service Provider Identifies the ESCO/Marketer participating in this transaction.	M ID 2/3
	N102	93	Name Free-form name Free Form ESCO/Marketer Company Name Supplemental text information supplied, if desired, to provide "eyeball" identification of the ESCO/Marketer. It is not necessary for successful completion of the transaction but may be provided by mutual agreement between trading partners.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier 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	Identification Code 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 - 6/12/2015**

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

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	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)	
			Identifies the Utility participating in this transaction.	
Must Use	N102	93	Name	X AN 1/60
			Free-form name	
			Free Form Utility Company Name	
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	
			24 Employer's Identification Number	
			Federal Tax ID	
Must Use	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			The D-U-N-S number or the Federal Tax ID	

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

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

	Ref. Des.	Data Element	Name	Attributes
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 - 6/12/2015**

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

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	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
Must Use	LIN03	234	Product/Service ID	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	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	
			PH	Pricing History

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

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	Reference Identification Qualifier Code qualifying the Reference Identification 7G Data Quality Reject Reason REF02 contains a reject reason code.	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 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.	X AN 1/30
	REF03	352	Description 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.	X AN 1/80

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

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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			11 Account Number	
			REF02 is the ESCO/Marketer Assigned account number for the 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	
			ESCO Marketer's assigned account number for the customer.	

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

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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier 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	Reference Identification 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	Description 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, Orange & Rockland 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. U Un-Metered Service	X AN 1/80

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

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

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

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

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				
	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			45 Old Account Number	
			REF02 is the Utility's previous account number for the 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	
			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.	

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

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:	<p>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.</p>
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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
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 - 6/12/2015**

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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity 2M Comparison Period	M ID 2/2
Must Use	QTY04	61	Free-Form Message 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 - 6/12/2015**

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.</u> <u>Des.</u>	<u>Data</u> <u>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 - 6/12/2015**

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

	Ref. Des.	Data Element	Name	Attributes
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 - 6/12/2015**

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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount T3 Total Submitted Charges	M ID 1/3
			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 - 6/12/2015**

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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount TR Target Cost Utility Supply Charges for Comparison - Includes generation, taxes)	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 - 6/12/2015**

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			BLT Billing Type	
			Bill Presenter	
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	
			DUAL Each Party Presents a Separate Bill	
			LDC Utility is the Consolidated Bill Presenter	

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

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

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

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

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

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:	<p>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.</p>
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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</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 - 6/12/2015**

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

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	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	

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

Sample Request	
ST*503*0001	
BGN*13*2015050800001*20150508	13 = Request
N1*8S*Utility Name*1*007909111**40	
N1*SJ*Supplier Name*9*123456798ABCD**41	
N1*8R*Customer Name	
LIN*PH2015050800001*SH*EL*SH*PH	
REF*12*9437619003	Utility Account Number
SE*8*0001	

Sample Reject Response	
ST*503*0001	
BGN*44* PHR20150509-009879*20150509	44 = Reject
N1*8S*Utility Name*1*007909111**40	
N1*SJ*Supplier 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	

Sample Accept Response for 3 Months	
ST*503*0001	
BGN*52*PHR20150509-009879*20150509***2015050800001	
N1*8S*Utility Name*1*007909111**41	
N1*SJ*Supplier Name*9*123456798ABCD**40	
N1*8R*Customer Name	
LIN*PH2015050800001*SH*EL*SH*PH	
REF*12*9437619003	
LS*QTY	
QTY*2M***NV	First Month
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	Second Month
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 - 6/12/2015

DTM*150*20150303	Service Period Start Date
DTM*151*20150403	Service Period End Date
QTY*2M***NV	Third Month
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	