503 Pricing History

<div align="right">

Functional Group ID=PH

</div>

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:

	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	
	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:

	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		
	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		
	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		
	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.

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~814~0001

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**
			Code uniquely identifying a Transaction Set		
			503 Pricing History		
Must Use	**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		

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	

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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.		

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:	Request: Required
	Response: Required
	N1~SJ~~24~123456789
	N1~SJ~ESP COMPANY~24~123456789

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			SJ Service Provider		
			Identifies the ESCO/Marketer participating in this transaction.		
	N102	93	**Name**	X	AN 1/60
			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.		
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		
	N106	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			40 Receiver		
			41 Submitter		

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: Request: Required
Response: Required
N1~8S~~24~12345678
N1~8S~UTILITY COMPANY~24~12345678

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
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		
	N106	98	**Entity Identifier Code**		**O ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			40	Receiver	
			41	Submitter	

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**	**M ID 2/3**
			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.	
Must Use	N102	93	**Name**	**X AN 1/60**
			Free-form name	
			Customer Name	

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:	Request: Required
	Response: Required
	LIN~1~SH~EL~SH~PH

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		
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		

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

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

Code qualifying the Reference Identification

7G   Data Quality Reject Reason

REF02 contains a reject reason 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

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.

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

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.

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

	Ref. Des.	Data Element	Name	Attributes	
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.		

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

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

Code qualifying the Reference Identification

     12   Billing Account

REF02 contains the Utility-assigned account number 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

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)

	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

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

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

	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

Utility account number for the ESCO

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

	Ref. Des.	Data Element	Name	Attributes
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

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

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

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

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

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**	M ID 1/3
			Code to qualify amount	
			CX Actual	
			Actual Total Charges (ESCO Supply, Utility Delivery) - Includes distribution, generation, taxes, etc.)	
Must Use	AMT02	782	**Monetary Amount**	M R 1/18
			Monetary amount	

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

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

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

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

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	

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

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

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

	Ref. Des.	Data Element	Name	Attributes	
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		

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

	Ref. Des.	Data Element	Name	Attributes
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

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. Des.	Data Element	Name	Attributes
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	

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 Accept Response for 3 Months	
ST*503*0002	
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*75	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
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*20150303	Service Period Start Date
DTM*151*20150403	Service Period End Date
LE*QTY	
SE*32*0002	