I. Proposed supporting changes to 814C

Position:010Loop:LINLevel:DetailUsage:OptionalMax Use:1Purpose:To spectorSyntax Notes:1I fe3If e4If e5If e6If e9If e10If e11If e12If e13If e14If e14If e15If e14If e15If e14If e15If e14If e14If e14If e14If e14If e14If e14If e14If e14If e15If e14If e14If e15If e14If e15If e14If e15If e15If e16If e17If e18If e19If e10If e14If e15If e16If e17If e18If e19If e19If e19If e19If e19If e19If e19If e19If e19If e<		010 LIN 0 Detail Optiona 1 To speci 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit 12 If eit 13 If eit 14 If eit 14 If eit 14 LINC	tem Identification Optional (Must Use) I (Must Use) fy basic item identification data ther LIN04 or LIN05 is present, t ther LIN06 or LIN07 is present, t ther LIN08 or LIN09 is present, t ther LIN10 or LIN11 is present, t ther LIN12 or LIN13 is present, t ther LIN14 or LIN15 is present, t ther LIN16 or LIN17 is present, t ther LIN18 or LIN19 is present, t ther LIN20 or LIN21 is present, t ther LIN20 or LIN21 is present, t ther LIN24 or LIN25 is present, t ther LIN26 or LIN27 is present, t ther LIN26 or LIN27 is present, t ther LIN28 or LIN29 is present, t ther LIN28 or LIN29 is present, t ther LIN30 or LIN31 is present, t ther LIN30 or LIN31 is present, t	then the other is required then the other is required	4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
		The LIN03 specifies the product (electric or gas) and the LIN05 specifies the action event.			
		LIN~AAC	CCDD0102004A~SH~EL~SH~CE	This change pertains to	electric service
	Ref.	Data	Data Element Sun	nmary	
Must Use	Des. LIN01	Element 350	<u>Name</u> Assigned Identification		<u>Attributes</u> O AN 1/20
USC			The identifier supplied in this e with the BGN02 element from each LIN request item over tin The LIN01 identifier sent in a F the transaction containing the examples).	the BGN segment must ne. Request transaction must	uniquely identify be returned in
Mand.	LIN02	235	Product/Service ID Qualifier		M ID 2/2

			SH	Service Requested A numeric or alphanumeric code fro services available to the customer	om a	list of
Mand.	LIN03	234	Product/Service	ID	Μ	AN 1/48
			Commodity - the	ere may be only one commodity (Election	ric or	Gas) for
			each 814 transac	ction.		
			EL			
			GAS			
Mand.	LIN04	235	Product/Service	ID Qualifier	Μ	ID 2/2
			SH	Service Requested		
				A numeric or alphanumeric code from services available to the customer	om a	list of
Mand.	LIN05	234	Product/Service	ID	Μ	AN 1/48
			CE	Customer Enrollment		
				Request for change in customer acc information.	count	
			<u>SI</u>	Summary Interval		
				Used only when changing the level	of de	<u>tail at</u>
				which the 867 Interval data will be s	sent	(REF*17).

	Segment:	REF Re	eference Identification (17=Summary In	nterval)		
	Position:	030				
	Loop:	LIN				
	Level:	Detail				
	Usage:	Optiona	<u>I</u>			
	Max Use:	1				
	Purpose:	To speci	fy identifying information			
S	yntax Notes:	1 REF	<u>02 is required.</u>			
		2 If ei	ther C04003 or C04004 is present, then	<u>the other is required.</u>		
		3 If ei	ther C04005 or C04006 is present, then	<u>the other is required.</u>		
Sen	nantic Notes:	<u>1</u> 2.				
	Comments:					
	<u>Notes:</u>		hanging the indicator to receive both Int			
			eive Summary level information, the LIN	105 must have a value of "SI".		
		LDC to E	<u>SP Request:</u> <u>Not Used</u>			
		Respons	se: <u>Not Used</u>			
			DC Request: Optional			
		Respons				
	Examples:		*SUMMARY			
		<u>REF*1/</u>	*METERDETAIL			
			Data Element Summary			
	Ref.	Data	_			
	Ref. Des.	Data Element	Name	X12 Attributes		
<u>Must</u>			Name <u>Reference Identification Qualifier</u>	X12 Attributes <u>M</u> ID 2/3		
<u>Must</u> Use	Des.	Element				
	Des.	Element		<u>M</u> <u>ID 2/3</u>		
	Des.	Element	Reference Identification QualifierCode qualifying the Reference Identific17Client Reporting Ca	<u>M</u> ID 2/3 cation tegory		
	Des.	Element	Code qualifying the Reference Identification Qualifier 17 Client Reporting Carry Used to convey with the convertion of the convertio	<u>M</u> ID 2/3 cation tegory whether the ESP will receive		
	Des.	Element	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Car Used to convey we summary only in	<u>M</u> <u>ID 2/3</u> <u>cation</u> <u>tegory</u> <u>whether the ESP will receive</u> <u>information, or detail and</u>		
	Des.	Element	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Car Used to convey we summary only in	<u>M</u> ID 2/3 cation tegory whether the ESP will receive		
<u>Use</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification Qualifier 17 Client Reporting Car Used to convey wasummary only in associated summary account. Summary only in associated summary account.	<u>M</u> ID 2/3 <u>cation</u> <u>tegory</u> <u>whether the ESP will receive</u> <u>information, or detail and</u> <u>ry information for this interval</u>		
<u>Use</u> <u>Must</u>	Des.	Element	Reference Identification Qualifier Code qualifying the Reference Identification Qualifier 17 Client Reporting Car Used to convey volve Summary only is associated summary Summary only is	<u>M</u> <u>ID 2/3</u> <u>cation</u> <u>tegory</u> <u>whether the ESP will receive</u> <u>information, or detail and</u>		
<u>Use</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Call Used to convey washing converted to convey washing converted to convey washing converted to converte to convert washing converted to converte to converte to convert washing converted to converte to convert washing converted to converte t	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Car Used to convey wasummary only in associated summary account. Reference Identification Reference Identification	<u>M</u> ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval <u>X</u> <u>AN 1/30</u> a particular Transaction Set or as		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Care Used to convey wasummary only in associated summary account. Reference Identification Reference Identification Reference Identification Reference Information as defined for a specified by the Reference Identification	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Carrow Used to convey wasummary only it associated summary associated summaria account. Reference Identification Reference Identification Reference Information as defined for a specified by the Reference Identification When REF01 is 17, valid values for REF	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier 02 are:		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Car Used to convey wasummary only in associated summary account. Reference Identification Reference Identification Reference Identification Reference Information as defined for a specified by the Reference Identification When REF01 is 17, valid values for REF SUMMARY – Metering party will set	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier 02 are:		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Care Used to convey washing to convey washing associated summary account. Reference Identification Reference Identification Reference Identification Reference Information as defined for a specified by the Reference Identification When REF01 is 17, valid values for REF SUMMARY – Metering party will se this interval account.	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier 02 are: nd only summary level data for		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Care Used to convey wasummary only in associated summary account. Reference Identification Reference Identification Reference Identification Reference information as defined for a specified by the Reference Identification When REF01 is 17, valid values for REF SUMMARY – Metering party will see this interval account. DETAIL – Metering party will send be	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier 02 are: nd only summary level data for ooth summary and detail data for		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Care Used to convey weater to convey wea	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier 02 are: nd only summary level data for ooth summary and detail data for		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Care Used to convey weater to convey wea	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier 02 are: nd only summary level data for ooth summary and detail data for o this will interpret as account-		
<u>Use</u> <u>Must</u>	Des. <u>REF01</u>	Element TBD	Reference Identification Qualifier Code qualifying the Reference Identification 17 Client Reporting Care Used to convey weater to convey wea	M ID 2/3 cation tegory whether the ESP will receive information, or detail and ry information for this interval X AN 1/30 a particular Transaction Set or as on Qualifier 02 are: nd only summary level data for ooth summary and detail data for o this will interpret as account-		

II. Proposed supporting change to 814E

Segment:	LIN Item Identification				
Position:	010				
Loop:	LIN Optional (Must Use)				
Level:	Detail				
Usage:	Optional (Must Use)				
Max Use:	1				
Purpose:	To specify basic item identification data				
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.				
	2 If either LIN06 or LIN07 is present, then the other is required.				
	3 If either LIN08 or LIN09 is present, then the other is required.				
	4 If either LIN10 or LIN11 is present, then the other is required.				
	5 If either LIN12 or LIN13 is present, then the other is required.				
	6 If either LIN14 or LIN15 is present, then the other is required.				
	7 If either LIN16 or LIN17 is present, then the other is required.				
	8 If either LIN18 or LIN19 is present, then the other is required.				
	9 If either LIN20 or LIN21 is present, then the other is required.				
	10 If either LIN22 or LIN23 is present, then the other is required.				
	11 If either LIN24 or LIN25 is present, then the other is required.				
	12 If either LIN26 or LIN27 is present, then the other is required.				
	13 If either LIN28 or LIN29 is present, then the other is required.				
	14 If either LIN30 or LIN31 is present, then the other is required.				
Semantic Notes:	1 LIN01 is the line item identification				
Notes:	Request : Required				
	Response: Required				
	Request only one action event per LIN Loop. The LIN01 contains a unique identifier for				
	the action event. The LIN03 specifies the product (electric or gas) and the LIN05				
	specifies the type of service request.				
	The enrollment request (LIN05=CE) is considered the primary service request when				
	present. "Secondary" action event(s) must be requested in separate LIN loops.				
	LIN~AACCDD0102004A~SH~EL~SH~CE Electric Enrollment				
	LIN~AACCDD0102005A~SH~EL~SH~HU Usage History				
	LIN~AACCDD0102006A~SH~GAS~SH~GP Gas Profile				
	Data Element Summary				
Ref.	Data				

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		<u>Attr</u>	<u>ributes</u>
Must Use	LIN01	350	Assigned Identific	ation	Ο	AN 1/20
				plied in this element either by itself or in nt from the BGN segment must uniquely time.	-	
Mand.	LIN02	235	Product/Service I	D Qualifier	М	ID 2/2
			SH	Service Requested		
Mand.	LIN03	234	Product/Service I	D	Μ	AN 1/48
			Only one commo	Only one commodity (Electric or Gas) may be indicated for		
			transaction.			
			EL	Electric		

			GAS	Gas Service		
Must Use	LIN04	235	Product/Service ID	Qualifier	Х	ID 2/2
			SH	Service Requested		
Must Use	LIN05	234	Product/Service ID		Х	AN 1/48
			CE	Customer Enrollment		
				Request to enroll this customer for Ener	gy Se	ervices. A
				Request for enrollment is considered the	e pri	mary
				request when present.		
			GP	Gas Profile		
				Request a 12 month forecasted gas delive	very	profile.
				Valid only when LIN03=GAS.		
				Gas Profiles are not supported by all util	lities	. If a Gas
				Profile request is sent to a Utility that do		
				gas profiles, the Utility will return Histo		
				available, in the 867 sent in response to	the	Gas Profile
				request. When supported, a GP reques	t ma	y still be
				rejected if there is insufficient data to de	evelo	op a gas
				profile for that customer.		
			HU	Historic Usage		
				Request for Usage History.		
				GAS note: Some utilities support a Gas P	Profil	e in lieu of
				actual history and will return a Gas Prof		
				data exists, in the 867 sent in response t	o the	e request
				for Historic Usage.		
			<u>IU</u>	Historic Interval Usage		
				Indicates an ESP request to obtain histor	rical	intorval
				usage information for this customer. If I		
				interval not available, a REF*1P will be s		
				Note - PHI companies –If HI request on a		
				account, the request is accepted, the re		
				REF*1P*HIU and the 867HU is sent.		
			<u>SI</u>	<u>Summary Interval</u>		
				Indicates an ESP request to obtain interv	val da	<u>ata at the</u>
				level requested in the REF*17 segment.	This	<u>must be</u>
				sent with a Generation/Renewable Ener		
				Enrollment or after a Generation / Rene	wab	le Energy
				Certificate Enrollment.		
				If this service is not provide		<u>he</u>
				associated REF*1P is "SNP"		
				If this service is not provide		
				account level (i.e., the met		
				requires that a decision be		
				accounts for the ESP), the a REF*1P is "SNP".	<u>ass0(</u>	
				ILLI IF IS SINF .		

Segment: REF Reference Identification (Response Information or Warnings) Position: 030 Loop: LIN Lop: LIN Detail 0ptional Max Use: >1 Purpose: To specify identifying information Syntax Notes: 1							
Synt	ax notes.			04004 is present, then the other is required.	ł.		
3				04006 is present, then the other is required			
Seman	tic Notes:			relating to the value cited in REF02.			
	Notes:	Request: Response REF~1P~	e: Optional				
			C	Data Element Summary			
	Ref.	Data					
	Des.	Element	Name			<u>ributes</u>	
Mand.	REF01	1 128		tification Qualifier	Μ	ID 2/3	
			1P	Accessorial Status Code	•••		
				Warnings or information associated v status notification	with an	accepted	
Must Use	REF02	127	Reference Iden		х	AN 1/30	
			A13	Other	~	/	
				See REF03.			
			API	Application Incomplete			
				Required Information Missing. See R	EF03 fc	or details.	
			FRB	Failed to Release Billing			
				Incorrect Billing option requested.			
			HUL	Historic Usage Limited			
				May be sent when a secondary reque	est for u	isage history	
				is received along with an enrollment			
				that the 867HU will not contain any u	isage d	ata.	
			101	Off System Account			
			102	Partial Requirements Customer			
			<u>NIA</u>	Not Interval Account			
			<u>NIM</u>	Not Interval Marketer			
				ESCO does not request or is not appro	oved to	receive	
	05500		.	Interval Data.			
Cond.	REF03	352	Description		X	AN 1/80	
				information may be sent in REF03 to clarify e. REF03 must be sent when REF02 in this			

Segment:	REF Reference Identification (17=Summary Interval)
Position:	030
Loop:	LIN
Level:	Detail
Usage:	<u>Optional</u>
Max Use:	<u>1</u>
Purpose:	To specify identifying information
Syntax Notes:	1 REF02 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.
<u>Notes:</u>	 Every utility must provide the ability for a supplier to receive interval data at either the summary level or the detail level. The default is that an ESP will receive interval data at the summary and the detail level. If an ESP wants interval data at both the summary and the detail level the ESP does not need to take any action. For PPL EU, because nearly all customers have interval meters, the default is for the ESP to receive summary data only. If an ESP wants interval data at both the summary and detail levels, the ESP must submit "SI" and include the REF*17*DETAIL segment. For PECO, the default is also for the ESP to receive summary data only. If an ESP wants interval data at the detail level, the ESP must submit "SI" and specify account-level versus meter-level detail via the REF*17 segment. Please note that, unlike PPL EU, PECO does not provide interval data for billing at both the summary and detail levels; The ESP may receive either summary or detail, but not both
	 If an ESP wants to receive interval data at only the summary level, the ESP must: Contact the LDC to determine if the LDC supports summary level data by account or by ESP If the LDC supports summary level interval data by account, the ESP must submit "SI" in the LIN05 to indicate that only summary level interval data is requested for the account. If the LDC supports summary level interval data by ESP, the "SI" in the LIN05 is not used. The ESP must call the supplier interface group at the LDC to request summary level interval data. The LDC will then return summary level interval data for ALL accounts for that ESP. For PPL EU, the default is summary. If an ESP wants interval data at both the summary and detail levels, the ESP must submit "SI" and include the REF*17*DETAIL segment. Responses to a Summary Interval Request (LIN05=SI): If the utility does not provide this capability at the account level, they will accept the request, but respond with a Status Reason code (1P) of SNP for "Service Not Provided".

 If the utility provides this 	service at the account level, but the account is not
an interval account, they	will accept the request, but respond with a Status
Reason code (1P) of UM	A for "Unmetered or non-interval account".
 If Utility provides this ser 	vice at the account level, but not at the meter
level, they will accept the	e request but respond with a Status Reason code
(1P) of MNP for "Meter of	letail Not Provided"
 If Utility provides this ser 	vice, but ESP declines service, they will accept the
request but respond with	a Status Reason Code (1P) of SD for "Service
Declined"	
If the utility provides this ser	vice at the account level, and the account is an
interval account, the utility w	vill accept this request, and in their response send a
REF*17*DETAIL	
SI Request:	Required in the LIN loop where LIN05=SI if the ESP
	wants to receive Interval Details
SI Accept Response:	Required if service was requested and will be
	provided.
SI Reject Response:	Not Used
All other Requests:	Not Used
All other Accept Responses:	Not Used

			Data Element Summary	
	Ref.	Data	_	
	Des.	Element	Name	X12 Attributes
<u>Must</u>	<u>REF01</u>	<u>128</u>	Reference Identification Qualifier	<u>M ID 2/3</u>
<u>Use</u>				
			Code qualifying the Reference Identification	
			<u>17</u> <u>Client Reporting Category</u>	
			Used to convey whether th	e ESP will receive
			summary only information	<u>, or detail and</u>
			associated summary informat	ion for this interval
			<u>account.</u>	
<u>Must</u>	<u>REF02</u>	<u>127</u>	Reference Identification	<u>X AN 1/30</u>
<u>Use</u>				
			Reference information as defined for a particular	
			specified by the Reference Identification Qualifier	
			When REF01 is 17, valid values for REF02 are:	
			SUMMARY – Metering party will send only sum	<u>nmary level data for</u>
			this interval account.	
			DETAIL – Metering party will send interval deta	
			For PECO this will interpret as account-lev	
			METERDETAIL – Metering party will send interv	val details for each
			meter on the account	

All other Reject Responses: Not Used

	DEE
Segment:	${f REF}$ Reference Identification (Measurement Type and Reporting Interval)
Position:	130
Loop:	NM1 Optional (Dependent)
Level:	Detail
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Notes:	Enrollment Requests: Conditional.
	Enrollment Accept Responses: Required
	Other Requests/Responses: Not Used.
	This segment is sent to describe the measurement types and reporting intervals associated with the service delivery point(s) identified in the NM109 segment. It may be sent on an Enrollment Request when the bill option is Utility Rate Ready consolidated billing and the ESCO wants to associate different rate codes (see REF~RB) with different measurement types and/or reporting intervals. When an Enrollment Request is being accepted, this segment is used by the Utility to describe the type of consumption and reporting interval for each service delivery point(s) identified in the NM109 segment for the account being enrolled. REF~MT~KHMON REF~MT~COMBO REF~MT~COMBO REF~MT~KHO30 REF~MT~KHTOU
	Data Element Summary
Ref.	Data

Mand.	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Ide	entification Qualifier	<u>Attributes</u> M ID 2/3	
			MT	Meter Ticket Number		
				Meter type.		
				Used to identify the type of cons	umption measured by	
				a meter and the interval betwee	n measurements or the	e
				type of consumption and reporti	ng interval applicable	
				to the un-metered service delive	ry points on the	
				account.		

Must Use	REF02	127	Reference Identification	х	AN 1/30
			The type and reporting interval for consumption measureme in a five-character field. The first two characters are used to of consumption. The last three characters describe the repo	desci	ribe the type
			The literal "COMBO" is sent in the REF02 element of this seg service delivery point(s) identified in the NM109 are capable different measurement types AND/OR measurements for mo period in a day. When the REF~MT contains "COMBO" multiple REF~TU segn necessary to describe the types of consumption being measu service delivery point(s) identified in the NM109 element. A	of pr ore th nents ired f REF~	oviding Ian one time may be or the TU segment
			must also be sent, even when there is only one type of consumeasured, when multiple time periods are being measured of		
			When only one measurement type is applicable to the meter metered service points identified in the NM1 segment, the R segment should contain one of the following codes as the fir to describe the type of consumption:	EF02	in this
			K1 Kilowatt Demand (kW) K2 Kilovolt Amperes Reactive Demand (kVAR) K3 Kilovolt Amperes Reactive Hour (kVARH) K4 Kilovolt Amperes (kVA) K5 Kilovolt Amperes Reactive (kVAR) KH Kilowatt Hour (kWh) HH Hundred Cubic Feet (CCF) TZ Thousand Cubic Feet (MCF) TD Therms		
			The following codes are sent as the last three characters of t to document the interval capabilities of the metered or un-n delivery point(s) identified in the NM1 segment. If that capa known then the interval that should be reported is the scheer reading interval.	netere ability	ed service is not
			BIM Bi-Monthly DAY Daily MON Monthly QTR Quarterly TOU Time of Use		
<u>Optional</u>	<u>REF03</u>	<u>TBD</u>	001-999 - Reporting Intervals. (015 indicates 15 minute inter indicates 60 minute intervals, etc.) Description <u>A free-form description to clarify the related data elements a</u>	<u>× .</u>	<u>AN 1/80</u>
			<u>When REF01 is MT, valid values for REF03 are:</u> <u>I – Interval data available</u> <u>M – Interval data NOT available</u>		

III. Proposed supporting changes to 814HU

9	Segment:	LIN n	em Identification					
	Position:	010						
	Loop:	LIN (Optional (Must Use)					
	Level:	Detail						
	Usage:	Optional (Must Use)						
	Max Use:	1						
	Purpose:	•	fy basic item identification data					
Synta	ax Notes:		1 If either LIN04 or LIN05 is present, then the other is required.					
			her LIN06 or LIN07 is present, then the other is require					
			her LIN08 or LIN09 is present, then the other is require					
			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. 9 If either LIN18 or LIN19 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.					
			her LIN30 or LIN31 is present, then the other is require					
Semant	tic Notes:	1 LIN01 is the line item identification						
Co	mments:	1 See the Data Dictionary for a complete list of IDs.						
			2 through LIN31 provide for fifteen different product/s example: Case, Color, Drawing No., U.P.C. No., ISBN No.					
	Notes:		: Required					
NOLES.		-	e: Required					
		Request	only one action event per LIN Loop. The LIN01 contain	s a unique				
		-	r for the action event. The LIN03 specifies the product					
			LIN05 specifies the type of service request.					
LIN~AACCDD0102005A~SH~EL~SH~HU Request for Historic Usage								
		LIN~AAC	CCDD0102006A~SH~EL~SH~GP Request for Gas Profile	2				
	Ref.	Data	Data Element Summary					
			Namo	Attributes				
Must	<u>Des.</u> LIN01	Element 350	<u>Name</u> Assigned Identification	O AN 1/20				
Use	LINUT	330		0 AN 1/20				
			The identifier supplied in this element either by itself o	or in conjunction				
			with the BGN02 element from the BGN segment must	-				
each LIN request. This identifier must be unique over time to e								
			no ambiguity between requests and responses.					

Mand.	LIN02	235	Product/Service I SH	D Qualifier Service Requested	Μ	ID 2/2	
Mand.	LIN03	234	Product/Service I	•	М	AN 1/48	
			Commodity - ther each 814 transact EL GAS	ic or	•		
Must Use	LIN04	235	Product/Service ID Qualifier			ID 2/2	
			SH	Service Requested			
Must Use	LIN05	234	Product/Service I	•	х	AN 1/48	
			GP	Gas Profile			
				Request a 12 month forecasted gas delivery profile. Valid only when LIN03=GAS. Gas Profiles are not supported by all utilities. Gas Profile request is sent to a Utility that doe not support gas profiles, the Utility will return Historic Usage, if available, in the 867 sent in response to the Gas Profile request. When supported, a GP request may still be rejected i there is insufficient data to develop a gas profi for that customer.			
			HU	Historic Usage Request for Usage History. GAS note: Some utilities support a Gas Profile in lieu of actual history and will return a Gas Profile, if sufficient data exists, in the 867 sent in respons to the request for Historic Usage. <u>Historic Interval Usage</u> <u>Request for Interval Usage History. Indicates an F request to obtain historical interval usage</u> information for this customer. If historical intervat			