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

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. Only one Secondary LIN loop is allowed per request.

LIN~AACCDD0102005A~SH~EL~SH~HU   Request for Historic Usage
LIN~AACCDD0102006A~SH~EL~SH~GP   Request for Gas Profile

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	LIN01	350	**Assigned Identification**	O	AN 1/20
			The identifier supplied in this element either by itself or in conjunction with the BGN02 element from the BGN segment must uniquely identify each LIN request. This identifier must be unique over time to ensure no ambiguity between requests and responses.		
Mand.	LIN02	235	**Product/Service ID Qualifier**	M	ID 2/2
			SH Service Requested		
Mand.	LIN03	234	**Product/Service ID**	M	AN 1/48
			Commodity - there may be only one commodity (Electric or Gas) for each 814 transaction.		
			EL		
			GAS		
Must Use	LIN04	235	**Product/Service ID Qualifier**	X	ID 2/2
			SH Service Requested		

Must Use	LIN05	234	**Product/Service ID**		X	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. If a Gas Profile request is sent to a Utility that does 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 if there is insufficient data to develop a gas profile 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 response to the request for Historic Usage.

HI — Historic Interval Usage

Request for Interval Usage History at the account level.

Indicates an ~~ESP~~ESCO request to obtain historical interval usage information for this customer. If this customer account does not have interval meter, 867HU report will be provided without Interval Usage.

HG — Historic Interval Usage

Request for Interval Usage History at the meter detail level.

Indicates an ESCO request to obtain historical interval usage information for this customer at the meter detail level. If this customer account does not have interval meter, 867HU report will be provided without Interval Usage.