Case No. 12-M-0476 et al. EDI Business/Technical Working Groups 814C Gray Box Note Modifications 9/21/2018

Gray Boxed conventions standardized with the 814C IG using the convention:

Utility Request: ESCO Response:

ESCO Request: Utility Response:

Segr	nent:	ST T	ransaction Set Header	
]	Position:	010		
	Loop:			
	Level:	Heading		
	Usage:	Mandato	ſV	
Ν	Iax Use:	1		
I	Purpose:	To indica	te the start of a transaction set and to assign a control number	
	x Notes:		6	
	ic Notes: Notes:	partr	transaction set identifier (ST01) is used by the translation routines of the interchanners to select the appropriate transaction set definition (e.g., 810 selects the Invoice saction Set).	
		ESCO Re ESCO Re Utility Re ST~814~	equest: Required esponse: Required	
			Data Element Summary	
	Ref.	Data		
	Des.	Element	<u>Name</u> <u>Attributes</u>	
Mand.	ST01	143	Transaction Set Identifier Code M ID 3/3	
			814 General Request, Response or Confirmation	
Mand.	ST02	329	Transaction Set Control Number M AN 4/9	
			Identifying control number assigned by the originator of a transaction set. This	
			identifier must be unique for each transaction set within a functional group.	

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Segment: BGN Beginning Segment Position: 020 Loop: Level: Heading Usage: Mandtory 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 If BGN05 is present, then BGN04 is required. BGN03 is the transaction set reference number. 2 BGN03 is the transaction set ofference number. 2 BGN06 is the transaction set time. 3 BGN05 is the transaction set time qualifier. 5 BGN06 is the transaction set reference number of a previously sent transaction affected by t current transaction. Notes: Utility Request: Required Esco Response: Required ESCO Request: Required Esco Response: Required Response: BGN-11-20000301145101-20060917 Response: BGN-11-20000402072434-20060919-~~20000301145101 Data Detement Summary Data Mand. BGN01 353 Transaction Set Purpose Code Attributes
Position: 020 Loop: Level: Heading Usage: 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 time. 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 t current transaction. Notes: Utility Request: Required ESCO Response: Required ESCO Response: Required Utility Response: BGN-11~20000402072434~20060917 Response: BGN~11~20000402072434~20060917 Response: BGN~11~20000402072434~20060917 Data Element Summary Des. Element Name Attributes
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 time. 3 BGN05 is the transaction set time qualifier. 5 BGN06 is the transaction set treference number of a previously sent transaction affected by t current transaction. Notes: Utility Request: Required ESCO Request: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~20000301145101 Data Element Summary Ref. Data Des. Element Name
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 time. 3 BGN04 is the transaction set time. 3 BGN05 is the transaction set time qualifier. 5 BGN06 is the transaction set reference number of a previously sent transaction affected by t current transaction. Notes: Utility Request: Required ESCO Response: Required ESCO Request: Required Esco Request: Required Utility Response: BGN~13~20000301145101~20060917 Response: BGN~13~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Data
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 date. 3 BGN05 is the transaction set time qualifier. 5 BGN06 is the transaction set reference number of a previously sent transaction affected by t current transaction. Notes: Utility Request: Required Element Required ESCO Request: Required Element Summary Des. Element Name Attributes
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 t current transaction. Notes: Utility Request: Required ESCO Request: Required ESCO Request: Required Des. Element Name
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 t current transaction. Notes: Utility Request: Required ESCO Response: Required ESCO Response: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~20000301145101 Data Element Summary Ref. Data Des. Element Name Attributes
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 t current transaction. Notes: Utility Request: Required ESCO Response: Required ESCO Response: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name
 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 t current transaction. Notes: Utility Request: Required ESCO Response: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name
 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 t current transaction. Notes: Utility Request: Required ESCO Response: Required ESCO Request: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~20000301145101 Data Element Summary Ref. Data Des. Element Name
 4 BGN05 is the transaction set time qualifier. 5 BGN06 is the transaction set reference number of a previously sent transaction affected by t current transaction. Notes: Utility_Request: Required ESCO_Response: _Required ESCO Request: _Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref Data Des Element Name
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by t current transaction. Notes: Utility Request: Required ESCO Response: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~20000301145101 Data Element Summary Ref. Data Des. Element Name Attributes
current transaction. Notes: Utility Request: Required ESCO Response: _Required ESCO Request: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name
Notes: Utility Request: Required ESCO Response: _Required ESCO Request: Required Utility Response: Required Request: BGN~13~2000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Des. Element Name
ESCO Response: _Required ESCO Request: _Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref Data <u>Des Element Name</u> <u>Attributes</u>
ESCO Request: Required Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name <u>Attributes</u>
Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name
Utility Response: Required Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name
Request: BGN~13~20000301145101~20060917 Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name Attributes
Response: BGN~11~20000402072434~20060919~~~20000301145101 Data Element Summary Ref. Data Des. Element Name Attributes
Data Element Summary Ref. Data <u>Des. Element Name</u> <u>Attributes</u>
Ref. Data <u>Des. Element Name</u> <u>Attributes</u>
Ref. Data <u>Des. Element Name</u> <u>Attributes</u>
Des. <u>Element</u> <u>Name</u> <u>Attributes</u>
Manu. DGNVI 555 Iransaction Set Purpose Code MI ID 2/2
11 Response
13 Request
Mand. BGN02 127 Reference Identification M AN 1/30
A unique transaction identifier number assigned by the originator of this
transaction.
The BGN02 element from a Request transaction is placed in the BGN06
element in the corresponding Response transaction(s) sent in response to the
Request transaction.
Mand. BGN03 373 Date M DT 8/8
The date the transaction was created by the sender's applications system in the
form CCYYMMDD.
Cand DCN0(127 Deferring Identification O AN 1/20
Cond. BGN06 127 Reference Identification O AN 1/30 Refers to the BGN02 identification number of the original Request This
Refers to the BGN02 identification number of the original Request. This
Refers to the BGN02 identification number of the original Request. This element is "Not Used" on Request transactions but is "Required" on Response
Refers to the BGN02 identification number of the original Request. This
Refers to the BGN02 identification number of the original Request. This element is "Not Used" on Request transactions but is "Required" on Response
Refers to the BGN02 identification number of the original Request. This element is "Not Used" on Request transactions but is "Required" on Response
Refers to the BGN02 identification number of the original Request. This element is "Not Used" on Request transactions but is "Required" on Response

S	legment:	N1 N	ame (ESCO)		
	Position:	040			
1	Loop:		Optional (Must Use)		
	Level:	Heading	sprinter (west 0.5c)		
	Usage:	0	(Must Use)		
Ν	Iax Use:	1			
	Purpose:	To identi	fy a party by type of organization, name, and code		
	x Notes:		ast one of N102 or N103 is required.		
·			her N103 or N104 is present, then the other is required.		
Semant	ic Notes:				
	Notes:	<u>Utility</u> Re	equest: Required		
		ESCO Re	esponse: Required		
			equest: Required		
		<u>Utility Re</u>	esponse: Required		
			04 10045 (700		
			24~123456789		
		NI~SJ~E	SCO NAME~24~123456789		
			Data Element Summary		
	Ref.	Data	Data Element Summary		
	Des.	<u>Element</u>	Name	Δttr	<u>ibutes</u>
Mand.	<u>Des.</u> N101	<u>98</u>	Entity Identifier Code	M	ID 2/3
	11101	20	SJ Service Provider		
			Identifies name and address information	as po	ertaining to a
			service provider for which billing is bein		
			Identifies the ESCO participating in this		
Optional	N102	93	Name	Х	AN 1/60
-			Free Form ESCO Company Name		
			Supplemental text information supplied, if desired, to provide	"eye	eball"
			identification of the ESCO. It is not necessary for successful	comp	pletion of the
			transaction but may be provided by mutual agreement betwee	n tra	ding
			partners.		
Must Use	N103	66	Identification Code Qualifier	Х	ID 1/2
			1 D-U-N- <mark>S N</mark> umber, Dun & Bradstreet	~	
			9 D-U-N-S+4, D-U-N-S Number with Fou	ır Ch	aracter
			Suffix		
			24 Employer's Identification Number Federal Tax ID		
Must Use	N104	67	Identification Code	X	AN 2/80
Wiust Ose	11104	07	The D-U-N-S number or the Federal Tax ID	Λ	AIN 2/00
			The D C TO Full for the Federal Tax ID		
		Y			

	0		·		
	Segment:	N1 N	ame (Utility)		
	Position:	040			
	Loop:		Optional (Must Use)		
	Level:	Heading			
	Usage:		(Must Use)		
	Max Use:	1			
	Purpose:	To identi	fy a party by type of organization, name, and code		
Svnt	ax Notes:		east one of N102 or N103 is required.		
~			ther N103 or N104 is present, then the other is required.		
Seman	tic Notes:				
	Notes:	<u>Utility</u> R	equest: Required		
			esponse: Required		
			1 1		
		ESCO R	equest: Required		
			esponse: Required		
		N1~8S~-	~24~012345678		
		N1~8S~1	UTILITY COMPANY~24~912345678		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name	<u>Attı</u>	<u>ributes</u>
Mand.	N101	98	Entity Identifier Code	Μ	ID 2/3
			8S Consumer Service Provider (CSP)		
			Identifies the Utility participating in this	s tran	saction.
Optional	N102	93	Name	Χ	AN 1/60
			Free Form Utility Company Name		
			Supplemental text information that may be supplied to provide		
			identification of the Utility. It is not necessary for successful		
			transaction but may be provided by mutual agreement betwee	en tra	ding
			partners.		
Must Use	N103	66	Identification Code Qualifier	Х	ID 1/2
			1 D-U-N-S Number, Dun & Bradstreet		
			9 D-U-N-S+4, D-U-N-S Number with Fo	ur Ch	aracter
			Suffix		
			24 Employer's Identification Number		
			Federal Tax ID		
Must Use	N104	67	Identification Code	X	AN 2/80
			The D-U-N-S number or Federal Tax ID		

]] Synta	Segment: Position: Loop: Level: Usage: Max Use: Purpose: IX Notes: IC Notes: Notes:	040 N1 O Heading Optional 1 To identi 1 At le 2 If eit Utility R4 ESCO R6 ESCO R6 Utility R4 This segr with the a number (N1~8R~1	I (Dependent) ify the customer in this transaction. east one of N102 or N103 is required. ther N103 or N104 is present, then the other is required. Request: Conditional esponse: Not Used equest: Not Used request: Not Used request: Not Applicable ment must be sent in a Request when a change in the customer name associated account (Utility or ESCO) or service address (Utility) or customer telephone (Utility or ESCO) is being reported.
Mand.	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	Entity Identifier Code M ID 2/3 8R Consumer Service Provider (CSP) Customer Identify the end use customer targeted by this transaction.
Mand.	N102	93	Name M AN 1/60 The new customer name or the literal "NAME". When a change in service address is being sent, an N1 segment (in addition to the N3 and N4 segments) is required. For address changes the N102 element may contain the actual customer name or the literal 'NAME'.

	Segment: Position: Loop: Level: Usage: Max Use: Purpose:	060 N1 C Heading Optional 1	ddress Information (Service Address) Dptional (Dependent) (Dependent) fy the location of the named party		
	ntax Notes:	10 speen	y the location of the named party		
-	Notes:	ESCO Re	equest : Conditional esponse s : Not Used		
		<u>ESCO Re</u> <u>Utility R</u> e	equest: Not Used esponse: Not Applicable		
		change ir N3~375	and N4 segments within the N1*8R loop are sent when the University of a service address and must be accompanied by an N1*8R seg PARK AVE DOOR - PETER COOPER VILLAGE CORNER OF EAST E	gment.	
	D 4	D (Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		ributes
Mand.	N301	166	Address Information	Μ	AN 1/55
Cond	NIGOG	1//	Customer Service Address	0	A NT 1/22
Cond.	N302	166	Address Information Service address overflow	0	AN 1/55

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I Synt:	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: tic Notes:	N4 G 070 N1 C Heading Optional 1 To specif 1 If N4	eographic Location (Service Address) Optional (Dependent) (Dependent) Ty the geographic place of the named party 406 is present, then N405 is required.
	Notes:	Utility Re <u>ESCO</u> Re	equest: Conditional esponses: Not Used
		N4~NY~	equest: Not Used esponse: Not Applicable NY~10152 CITY~NY~19123
			CITY~NY~191230123
Must Use Must Use	Ref. <u>Des.</u> N401 N402	Data <u>Element</u> 19 156	Data Element Summary Attributes Name O AN 2/30 State or Province Code O ID 2/2
Must Ose	11402	130	 Code (Standard State/Province) as defined by appropriate government agency. A utility may elect to populate this element with: State codes. State codes within their service territory, i.e. NY or PA. Otherwise, this element will not be sent by other Utilities.
Must Use	N403	116	 Postal Code O ID 3/15 Code defining international postal zone code excluding punctuation and blanks (zip code for United States). Utilities will populate this element only with US zip code information, unless a utility elects to populate this element with: US zip codes and Canadian or other foreign postal codes. US zip code information only when the mailing address is located within their service territory.

NY 814 Chan	ige (Account			
	Segment:	PER	Administrative Communications Contact (Customer Pho	no Numbor)
	0		A Auministrative Communications Contact (Customer 1 no.	lie Nullibel)
	Position:	080		
	Loop:		Optional (Dependent)	
	Level:	Heading		
	Usage:	Optional	(Dependent)	
	Max Use:	1		
	Purpose:	To identi	fy a person or office to whom administrative communications s	hould be directed
Synt	tax Notes:	1 If ei	ther PER03 or PER04 is present, then the other is required.	
		2 If ei	ther PER05 or PER06 is present, then the other is required.	
		3 If ei	ther PER07 or PER08 is present, then the other is required.	
Seman	tic Notes:			
	Notes:	<u>Utility</u> R	equest s : Conditional	
			esponses: Not Used	
			1	
		ESCO R	equest: Not Used	
			esponse: Not Applicable	
			esponse. Not Applicable	
			nent may be sent by the utility to provide the customer's teleph	
			e Number and/or Email Address when this information was una	
			nrollment request was processed or to correct such information	
			rollment Accept Response transaction. This segment may be se	
		provide t	he correct or missing information when the information provide	ed in an
		Enrollme	ent Response has been determined to be incorrect or absent. Thi	s segment is sent
		in an N1	(Customer) Loop and must be accompanied by an N1*8R segn	nent.
		The form	nat for phone/facsimile numbers is area code + 7 digit number (x	xxxyyyzzzz).
		If a chan	ge is made to this segment, the N18R code is transmitted in the	REF*TD
			at position 030.	
		segment		
		In its IIti	lity Maintained EDI Guide, a utility will indicate if it accepts ar	nd/or sends
			Requests containing the Customer's Telephone/Facsimile number	
		Address.	· · ·	and/or Eman
		Address.		
			TE 0455551010	
			~~TE~8455551212	
			~~TE~7165551212~FX~8455551234~EM~	
			AME@EMAILSERV.COM	
		PER~IC	~~EM~CUSTNAME@EMAILSERV.COM	
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	Name	<u>Attributes</u>
Mand.	PER01	366	Contact Function Code	M ID 2/2
			IC Information Contact	
Must Use	PER03	365	Communication Number Qualifier	X ID 2/2
			EM Email Address	
			FX Facsimile	
			TE Telephone	
			Code identifying the type of communicat	tion number/
		•	address for the customer associated with	
Must Use	PER04	364	Communication Number	X AN 1/80
111131 USC	1 121804	304	Complete communications number/address according to sende	
Ontional	PER05	365	Compute communications number/address according to sender	$\mathbf{X} \mathbf{ID} \ 2/2$
Optional	F EKUS	303		л II <i>J 4</i> /4
			EM Email Address	
			FX Facsimile	
			TE Telephone	
			Code identifying the type of communication	
			address for the customer associated with	
Optional	PER06	364	Communication Number	X AN 1/80

Optional PER07 365 Communication Number Qualifier X ID 2/2 EM Email Address FX Facsimile FX Facsimile Telephone Code identifying the type of communication number/address for the customer associated with this account. Optional PER08 364 Communication Number/address according to sender's records. Optional PER08 364 Communication Number/address according to sender's records.
FX Facsimile TE Telephone Code identifying the type of communication number/ address for the customer associated with this account. Optional PER08 364 Communication Number X AN 1/80
TE Telephone Code identifying the type of communication number/ address for the customer associated with this account. Pptional PER08 364 Communication Number X AN 1/80
Code identifying the type of communication number/ address for the customer associated with this account. Pptional PER08 364 Communication Number X AN 1/80
address for the customer associated with this account.
ptional PER08 364 Communication Number X AN 1/80 Complete communications number/address according to sender's records.
Complete communications number/address according to sender's records.

Segment: Position: Loop: Level: Usage: Max Use: Purpose:	N1 Name (Name for Mailing) 040 N1 Optional (Dependent) Heading Optional (Dependent) 1 To identify a party by type of organization, name, and code.	
Syntax Notes: Semantic Notes:	 At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 	
Notes:	Utility Request : Conditional ESCO Response: Conditional	
	ESCO Request : Conditional Utility Response: Conditional	
	This segment must be sent by either the Utility or the ESCO when the a consolidated bill and the name associated with the mailing address for mailing address or customer's telephone number changes.	
	When rejecting a GSP Credit because the customer has moved outside territory, this segment may be used to indicate the customer's forwardi sent (if known by the utility).	
	N1~BT~Daimler-Benz C/O Siegfried Schwung N1~BT~Robert J. McDonald DBA Tiny Tots N1~BT~Ben Jones, Mgr. Store 16	
Ref.	Data Element Summary Data	
Mand. N101	Element Name 98 Entity Identifier Code BT Bill-to-Party	Attributes M ID 2/3
Mand. N102	93 Name Name Second with the mailing address for billing. This b	M AN 1/60
	Name associated with the mailing address for billing. This I be sent to report a change in the name associated with the m billing. This segment must also be sent when reporting a ch for billing (the N3/N4 segments) and/or a change in the cust number (the PER segment). When a change is being request mailing address or telephone number, this element may cont "NAME".	ailing address for ange in the address omer's telephone ted in either

Segm	ent: N3 Ad	ddress Information (Mailing Address)	
Posit	ion: 060		
Le	oop: N1 O	ptional (Dependent)	
Le	vel: Heading		
Usa	age: Optional	(Dependent)	
Max U	U se: 1		
Purp	ose: To specify	y the location of the named party	
Syntax No			
Semantic No			
No	tes: <u>Utility</u> Re		
	<u>ESCO</u> Re	sponses: Conditional	
	ESCO Re	quest : Conditional	
		sponse: Conditional	
	billing oc	nent must be sent by the Utility or ESCO when a change in curs and the customer receives a consolidated bill. This sentied by an N1*BT segment.	
	code whe	and N302 elements may contain the street address, City N n the mailing address is located outside their service territo or foreign addresses) if specified by a utility in its Utility N	ory (for either
	territory,	ecting a GSP Credit because the customer has moved outside this segment, accompanies by an N1*BT segment may be a s forwarding address (if known by the utility).	
		estrasse 225 70567	
		N Main St~Room 323	
		Parklane Blvd 911 East Dearborn MI 48126	
	N3~1079	980 West 1st St North Vancouver British Columbia Ca~nac	1a
		Data Element Summary	
Re	f. Data	Data Element Summary	
De		Name	Attributes
Mand. N3		Address Information	M AN 1/55
110	100	Mailing Address for Billing	
Cond. N3	166	Address Information	O AN 1/55
		Mailing Address for Billing Overflow	

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NY 814 Chan	ge (Account			
	Segment:	- N4 a	Geographic Location (Mailing Address)	
	Position:	070	sogruphie Docusion (1/10000 g radi 055)	
	Loop:		Optional (Dependent)	
	Level:	Heading		
	Usage:	-	(Dependent)	
]	Max Use:	1		
	Purpose:	To speci	ify the geographic place of the named party	
	ax Notes:	1 If N	1406 is present, then N405 is required.	
Seman	tic Notes:	TT. 11. D		
	Notes:		Request: Conditional	
		<u>ESCO</u> R	Response: Not used	
		ESCO R	Request : Conditional	
			Response: Not Used	
		This seg	ment must be sent in conjunction with N1*BT and N3 (Mailing Address) who	en
			ing address for billing changes and the customer receives a consolidated bill.	
		This seg	ment must accompanied by an N1*BT segment.	
			ejecting a GSP Credit because the customer has moved outside the service	
		•	, this segment, accompanies by an N1*BT segment may be use to send the	
		custome	r's forwarding address (if known by the utility).	
		N/ Stut	ttgart Germany 011-49-711-17-0	
			REIGN ADDRESS	
			CITY~NY~19123	
			th Vancouver BC Canada	
		N4~Dea	rborn~MI~48126	
			Data Element Summary	
	Ref.	Data	Data Element Summary	
	Ref. <u>Des.</u>	Data <u>Element</u>		
Must Use			NameAttributesCity NameOAN 2/30	
Must Use	Des.	<u>Element</u>	NameAttributesCity NameOAN 2/3Domestic addresses: This field will contain the City Name. Alternatively,	a
Must Use	Des.	<u>Element</u>	NameAttributesCity NameOAN 2/30Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat	a
Must Use	Des.	<u>Element</u>	NameAttributesCity NameODomestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service	a ted
Must Use	Des.	<u>Element</u>	NameAttributesCity NameOAN 2/3Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme	a ted
Must Use	Des.	<u>Element</u>	NameAttributesCity NameOAN 2/3Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme 	a ted ent
Must Use	Des.	<u>Element</u>	NameAttributesCity NameOAN 2/3Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory".Foreign addresses (other than Canada): The Country Code will not be sent	a ted ent in
Must Use	Des.	<u>Element</u>	NameAttributesCity NameODomestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory".Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify	a ted ent in
Must Use	Des.	<u>Element</u>	NameAttributesCity NameOAN 2/30Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory".Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with:	a ted ent in y the
Must Use	Des.	<u>Element</u>	Name Attributes City Name O AN 2/30 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with:	a ted ent in y the
Must Use	Des.	<u>Element</u>	NameAttributesCity NameO AN 2/30Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4	a ted ent in y the
Must Use	Des.	<u>Element</u>	 <u>Name</u> <u>Attributes</u> <u>O</u> AN 2/3 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4 element. The literal "Foreign Address" and transmit the address in the N3 segment. 	a ted ent in y the
Must Use	Des.	<u>Element</u>	Name Attributes City Name O AN 2/3 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: • City Name and Country Name and transmit postal codes in the N3 segment. • The literal "Foreign Address" and transmit the address in the N3 segment.	a ted ent in y the
Must Use	Des.	<u>Element</u>	 <u>Name</u> <u>Attributes</u> <u>O AN 2/3</u> Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4 element. The literal "Foreign Address" and transmit the address in the N3 segment. The City Name, Country Name and postal code in this element (up 30 characters). 	a ted ent in y the
	<u>Des.</u> N401	Element 19	 <u>Name</u> <u>Attributes</u> <u>O</u> AN 2/30 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4 element. The literal "Foreign Address" and transmit the address in the N3 segment. The City Name, Country Name and postal code in this element (up 30 characters). The City Name and Country Name. 	a ted ent in y the
Must Use	Des.	<u>Element</u>	Name Attributes City Name O AN 2/3 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: • City Name and Country Name and transmit postal codes in the N4 element. • The literal "Foreign Address" and transmit the address in the N3 segment. • The City Name, Country Name and postal code in this element (up 30 characters). • The City Name and Country Name and postal code in this 2 (0 III 2/2)	a ent in y the 03
	<u>Des.</u> N401	Element 19	Name Attributes City Name O AN 2/3 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: • City Name and Country Name and transmit postal codes in the N4 element. • The literal "Foreign Address" and transmit the address in the N3 segment. • The City Name, Country Name and postal code in this element (up 30 characters). • The City Name and Country Name and postal code in this element (up 30 characters). • The City Name and Country Name and postal code in this element (up 30 characters). • The City Name and Country Name and postal code in this element (up 30 characters). • The City Name and Country Name.	a ent in y the 03
	<u>Des.</u> N401	Element 19	Name Attributes City Name O AN 2/3 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: • City Name and Country Name and transmit postal codes in the N4 element. • The literal "Foreign Address" and transmit the address in the N3 segment. • The City Name, Country Name and postal code in this element (up 30 characters). • The City Name and Country Name. State or Province Code O ID 2/2 Code (Standard State/Province) as defined by appropriate government agen A utility may elect to populate this element with:	a ent in y the 03
	<u>Des.</u> N401	Element 19	NameAttributes O AN 2/3City NameO AN 2/3Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with:• City Name and Country Name and transmit postal codes in the N4 element.• The literal "Foreign Address" and transmit the address in the N3 segment.• The City Name, Country Name and postal code in this element (up 30 characters).• The City Name and Country Name and postal code in this element (up 30 characters).• The City Name, Country Name and postal code in this element (up 30 characters).• The City Name and Country Name.• Code (Standard State/Province) as defined by appropriate government agen A utility may elect to populate this element with: • State codes.	a ent in y the 03
	<u>Des.</u> N401	Element 19	NameAttributes O AN 2/3City NameO AN 2/3Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4 element.The Literal "Foreign Address" and transmit the address in the N3 segment.The City Name, Country Name and postal code in this element (up 30 characters).The City Name and Country Name. State or Province Code O ID 2/2Code (Standard State/Province) as defined by appropriate government agen A utility may elect to populate this element with:State codes.State codes within their service territory, i.e. NY or PA.	a ent in y the 03
	<u>Des.</u> N401	Element 19	NameAttributes O AN 2/3City NameO AN 2/3Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with:• City Name and Country Name and transmit postal codes in the N4 element.• The literal "Foreign Address" and transmit the address in the N3 segment.• The City Name, Country Name and postal code in this element (up 30 characters).• The City Name and Country Name and postal code in this element (up 30 characters).• The City Name, Country Name and postal code in this element (up 30 characters).• The City Name and Country Name.• Code (Standard State/Province) as defined by appropriate government agen A utility may elect to populate this element with: • State codes.	a ted ent in y the 403 p to
Cond.	Des. N401	Element 19 156	Name Attributes City Name O AN 2/30 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4 element. The literal "Foreign Address" and transmit the address in the N3 segment. The City Name, Country Name and postal code in this element (up 30 characters). The City Name and Country Name. State or Province Code O ID 2/2 Code (Standard State/Province) as defined by appropriate government agen A utility may elect to populate this element with: State codes. State codes. State codes within their service territory, i.e. NY or PA. Otherwise, this element will not be sent by other Utilities. Postal Code O ID 3/15 Code defining international postal zone code excluding punctuation and blap	a ted ent in y the 403 p to hcy.
Cond.	Des. N401	Element 19 156	Name Attributes City Name O AN 2/30 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4 element. The literal "Foreign Address" and transmit the address in the N3 segment. The City Name, Country Name and postal code in this element (up 30 characters). The City Name and Country Name. State or Province Code O ID 2/2 Code (Standard State/Province) as defined by appropriate government agen A utility may elect to populate this element with: State codes. State codes within their service territory, i.e. NY or PA. O ID 3/15 Code defining international postal zone code excluding punctuation and bla (zip code for United States). Utilities will populate this element only with U 	a ted ent in y the 403 p to hcy.
Cond.	Des. N401	Element 19 156	Name Attributes City Name O AN 2/3 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: • City Name and Country Name and transmit postal codes in the N4 element. • The literal "Foreign Address" and transmit the address in the N3 segment. • The City Name, Country Name and postal code in this element (up 30 characters). • The City Name and Country Name and postal code in this element (up 30 characters). • The City Name and Country Name and postal code in this element (up 30 characters). • The City Name and Country Name. • State code • The City Name and Country Name. • State code • State codes.	a ted ent in y the 403 p to hcy.
Cond.	Des. N401	Element 19 156	Name Attributes City Name O AN 2/30 Domestic addresses: This field will contain the City Name. Alternatively, utility may populate this field with a City Name only when the City is locat within their service territory provided that if the City is outside its service territory, the City Name, State and postal code will be sent in the N3 segme and the N401 will contain the literal "Outside Service Territory". Foreign addresses (other than Canada): The Country Code will not be sent the N404 element. In its Utility Maintains EDI Guide, a utility will specify way it will populate this field with: City Name and Country Name and transmit postal codes in the N4 element. The literal "Foreign Address" and transmit the address in the N3 segment. The City Name, Country Name and postal code in this element (up 30 characters). The City Name and Country Name. State or Province Code O ID 2/2 Code (Standard State/Province) as defined by appropriate government agen A utility may elect to populate this element with: State codes. State codes within their service territory, i.e. NY or PA. O ID 3/15 Code defining international postal zone code excluding punctuation and bla (zip code for United States). Utilities will populate this element only with U 	a ted ent in y the 403 p to hcy.

• US zip code information only when the mailing address is located within their service territory.

Synt	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: tic Notes: Notes:	PER Administrative Communications Contact (Customer Phone Number) 080 N1 Optional (Dependent) Heading Optional (Dependent) 1 To identify a person or office to whom administrative communications should be directed 1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required. Utility requestRequest: Not Used ESCO responseResponse: Not Applicable ESCO requestRequest: Conditional Utility responseResponse: Not Used This segment should be sent when the ESCO becomes aware of a change in the customer's telephone number coincident with a change in mailing address. This segment is sent in the N1 Name (Name for Mailing) Loop and must be accompanied by an N1*BT
		segment.
		If a change is made to this segment the N1BT code is transmitted in the REF*TD segment at position 030.
		PER~IC~~TE~7166756271
	Ref.	Data Element Summary Data
Mand.	Des. PER01	Element Name Attributes 366 Contact Function Code M ID 2/2 IC Information Contact M ID 2/2
Must Use	PER03	365 Communication Number Qualifier X ID 2/2
		TE Telephone Contact telephone number for the customer associated with this account.
Must Use	PER04	364Communication NumberXAN 1/80Customer's telephone number in the format xxxyyyzzzz (Area code+7 digit
		number).

1 014 Change (/ Ceount 1	
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:	Utility Request: Required
	ESCO Response: Required
	ESCO Request : Required
	Utility Response: Required
	Each change at the Account Level must be sent in a separate LIN Loop.
	The LIN03 specifies the product (electric or gas) and the LIN05 specifies the action
	event.
	IN~A ACCDD0102004A~SH~FL~SH~CF This change pertains to electric service

LIN~AA	LIN~AACCDD0102004A~SH~EL~SH~CE This change pertains to electric serv		This change pertains to electric service		
	Data Flomont Symmetry				

			Data E	lement Summary				
	Ref.	Data						
	Des.	Element	<u>Name</u>		Attr	<u>ibutes</u>		
Must Use	LIN01	350	Assigned Identifica	tion	0	AN 1/20		
			The identifier suppli	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 item over tin					
				r sent in a Request transaction mu		d in the		
				ng the response to that request (see				
Mand.	LIN02	235	Product/Service ID	-	Μ	ID 2/2		
			SH	Service Requested				
				A numeric or alphanumeric code	e from a list o	of services		
				available to the customer				
Mand.	LIN03	234	Product/Service ID		M	AN 1/48		
			•	nay be only one commodity (Elec	tric or Gas)	for each 814		
			transaction.					
			EL					
		005	GAS			ID 4/2		
Mand.	LIN04	235	Product/Service ID	•	Μ	ID 2/2		
			SH	Service Requested	. f	£		
				A numeric or alphanumeric code available to the customer	from a list o	of services		
Mand.	LIN05	224	Due due of /Coursi on ID		М	A NI 1/40		
Ivianu.	LINUS	234	Product/Service ID CE	Customer Enrollment	Μ	AN 1/48		
			UE					
N914C + 2.2	2(004010)			10	AprilNova	mbor 20, 2018		

N814C v.2.<u>2-3 (</u>004010)

N814C v.2.2-<u>3 (</u>004010)

NY 814 Ch	ange (Account		
	Segment:	ASI Action or Status Indicator	
	•		
	Position:		
	Loop:	LIN Optional (Must Use)	
	Level:	Detail	
	Usage:	Optional (Must Use)	
	Max Use:	1	
	Purpose:	To indicate the action to be taken with the information provided or the sta	tus of the entity
		described	
	ntax Notes:		
Sema	ntic Notes:		
	Notes:	Utility Request: Required	
		ESCO Response: Required	
		ESCO Request : Required	
		Utility Response: Required	
		ASI~7~001 Request for change	
		ASI~WQ~001 Accept Response for request for change	
		ASI~U~001 Reject Response to a request for change	
		J I I C	
		Data Element Summary	
	Ref.	Data	
	Des.		<u>Attributes</u>
Mand.	ASI01		M ID 1/2
manu.	ASIOI	7 Request	1 10 1/2
		U Reject	
		Inability to accept for processing due to th	a lack of
		required information	e lack of
Mond	4 6103		M ID 2/2
Mand.	ASI02		M ID 3/3
		001 Change	
		•	

Segment:	REF Reference Identification (Reject Response Reasons)
Position:	030
Loop:	LIN Optional (Must Use)
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:	Utility Request : Not Used
	ESCO Response: Not Applicable ESCO Request: Not used Reject Utility Response: RequiredConditional Other Responses: Not Used This segment is required when the transaction is a Response transaction (BGN01=11) and the action or status is Reject (ASI01=U) in order to describe the reason that a change request has been rejected.
	If codes 008, ECB or MOV are used to reject AMT*7 (ESCO Pricing Adjustment Credit) or AMT*UJ (ESCO Generic Credit), the supplier is responsible for directly reimbursing the customer. REF~7G~C11
	Data Element Summary
Ref.	Data
<u>Des.</u>	Element Name 128 Reference Identification Qualifier M. ID 2/3

	Des.	<u>Element</u>	Name		Attı	ibutes
Mand.	REF01	128	Reference Identif	fication Qualifier	\mathbf{M}	ID 2/3
			7G	Data Quality Reject Reason		
				Reject reasons associated with a reject	status	
				notification.		
Must Use	REF02	127	Reference Identia	fication	Х	AN 1/30
			008	Account Inactive or Pending Inactive		
			A13	Other (REF03 required)		
			A76	Account not found (this includes inacti	ve acc	ount
				numbers as well as no account number	found)
			A91	Account does not have service requested		
			API	Required information missing (REF03		
			C 11	Change reason (REF*TD) missing or i	nvalid	
			ECB	Credit cannot be included on customer		
				ESCO's Billing model selection or the		
				credit does not have a billing relationsl	nip wit	h the utility
				(REF03 required)		
			IF	Credit not sufficiently funded		
			FRB	Incorrect billing option (REF*BLT) re	-	
			FRC	Incorrect bill calculation type (REF*PO	C) requ	lested
			M76	Meter Number Invalid or Not Found		
			MOV	Customer moved outside service territor	ory	
			NIA	Not Interval Account		
			NMA	Net Metered Account		
			W05	Requested rate not found		
Cond.	REF03	352	Description		Х	AN 1/80
			Used to provide ex	xplanatory text for an A13, API or ECB re	eject co	ode.

NY 814 Chan	ige (Account	Maintenance)			
	Segment:	REF	Reference Identif	fication (Reason for Char	nge - Account	Level)
	Position:	030		`	0	
	Loop:	LIN	Optional (Must Use))		
	Level:	Detail				
	Usage:	Optional (Dependent)				
	Max Use:	>1		- (*		
Synt	Purpose: tax Notes:	To specify identifying information 1 At least one of REE02 or REE03 is required				
Syn	lax moles.	 At least one of REF02 or REF03 is required. 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:		equest : Condition	<u>al</u>		
		ESCO Re	esponse: Optional			
		ESCO Re	equest: Conditiona	1		
			esponse: Optional	11		
		<u>e unij</u> 10	sponser opnomi			
		This segr	nent is used to identi	ify the data segment(s) sen	t at the account	t level that are
				D Segment (Reason for Ch		
				lescription of the codes use	ed to identify a	change in the data
		segment(REF~TD	s) sent at the meter l $\sim N18R$	evel.		
		KLI~ID			•	•
			Data l	Element Summary		
	Ref.	Data				
	Des.	Element	Name Name	110		<u>Attributes</u>
Mand.	REF01	128	Reference Identifi TD			M ID 2/3
Must Use	REF02	127	Reference Identifi	Reason for Change		X AN 1/30
Must Osc	KEFV2	127	AMT7	Change ESCO Pricing A	diustment Cre	
				Used to report a credit to		
				the ESCO has charged a		
				subject to a price guaran		
				customer would have pa required to provide a cre		
				Guaranteed Savings Pro		
				will include this one-tim	U	•
				bill.		
			AMT9M	Change Customers' Tax		
				Utility Rate Ready Cons		
				Used to report a change the utility is calculating		
				The 9M code may also b		
				residential tax rate appli		
				(i.e. a REF*RP was pres		
				transaction) when URR		
				AMT9N code may be us portion of the account ta		
			AMT9N	Change Customers' Tax		ercial fate.
		•		Utility Rate Ready Cons		g Only.
				This code may only be u	used to report a	change in the
				customer's tax rate appli		
				service taxed at a comm		
				part of the service is taxe balance at a commercial		
				in the Enrollment transa		
				be used to report a change		
				that account.	-	
			AMTB1	Change Benefit Amount	C	

or4 Change (Account Maintenance)		
		Used to report receipt of a Basic HEAP Payment under
		ESCO Combined Billing using Single Retailer
		transactions.
	AMTB5	Change ESCO Budget Plan Installment Amount
		Supported only if indicated within a utility's Utility
		Maintained EDI Guide.
	AMTBD	Change ESCO Budget Plan Balance
		Supported only if indicated within a utility's Utility
		Maintained EDI Guide.
	AMTBK	Change Disbursements for Protection and Preservation
		Used to report receipt of an Emergency HEAP Payment
		under ESCO Combined Billing using Single Retailer
		transactions.
	AMTDP	Change Percentage of Service Tax Exempt
	AMTFW	Change ESCO Fixed Charge
	AMTKZ	Change ICAP
		ELECTRIC Service Only.
	AMTRJ	Change ESCO Commodity Price
	AMTUJ	Change ESCO Generic Credit
	AWITUJ	Used to report a credit to the customer's account when
		the ESCO provides a generic credit to the customer. The
		Utility will include this one-time credit to the
		customer's next bill.
	DTM007	Change Effective Date
	DTM007 DTM150	
	DIMISU	Change Service Period Start Date
		Enrollment is pending. This code is used by the Utility
	DTM151	to report a change in the Assigned Service Start Date.
	DTM151	Change Service Period End Date
		A Drop is pending. This code is used by the Utility to
	NIOD	report a change in the Assigned Service End Date.
	N18R	Change Contact Information or Service Address
		Use this code when the Customer contact information,
		e.g. name, phone, fax or email, on the account is being
		changed and/or a change of service address is being
	NIDT	reported.
	N1BT	Change Contact Information for Mailing or Mailing
		Address
		Use this code when the Customer contact information,
		e.g. name, phone, fax or email, for mailing and/or the
	DEE11	mailing address is being changed.
	REF11	Change ESCO Customer Account Number
	REF12	Change Utility Account Number
	REF5E	Change Consumer Identifier (APP Status)
	REF65	Change Meter Read Cycle
	REFBF	Change Bill Cycle
	REFBLT	Change Billing Type (Bill Presenter)
	REFGC	Change Gas Capacity Assignment/Obligation
	DEEU	GAS Service Only
	REFIJ	Change Industrial Classification Code
	REFIU	Barge Permit Number (Interval Usage Option)
	REFLF	Change ESCO Late Fee Policy
		Supported only if indicated within a utility's Utility
	DEEND	Maintained EDI Guide.
	REFNR	Change Current Budget Billing Status
	REFPC	Change Party that Calculates the Bill (Bill Calculator)
	REFPGC	Change Partial Participation Portion
	REFRP	Change Portion Taxed Residential
	REFSG	Change Utility Discount Indicator
	REFSPL	Change ISO LBMP Zone
		ELECTRIC Service Only

I

REFSU	Change Special Processing Code
	Use this code to report a change in the Customer's Life
	Support status (Single Retailer Model)
REFTDT	Change Account Settlement Indicator
REFTX	Change Utility Tax Exempt Status
REFVI	Change Gas Pool ID
	GAS Service Only
REFYP	Change NYPA Discount Indicator

N814C v.2.<u>2-3</u>(004010)

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Notes:	REF Reference Identification (ESCO Customer Account Number) 030 LIN Optional (Must Use) Detail Optional (Dependent) 1 To specify identifying information 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. 4 REF04 contains data relating to the value cited in REF02. Utility Request: Not Used ESCO Response: Not Applicable ESCO Request: Conditional Utility Response: Conditional This segment is sent by the ESCO when the Utility is the bill presenter and the ESCO account number for the customer is being changed. This segment may be returned in a response transaction at the discretion of the utility. REF~11~A12345009Z
Ref.	Data Element Summary Data
<u>Des.</u> Mand. REF01	ElementName128Reference Identification QualifierM ID 2/3
Must Use REF02	11 Account Number Number identifies a telecommunications industry account REF02 is the ESCO Assigned account number for the customer. 127 Reference Identification X AN 1/30 ESCO Marketer's assigned account number for the customer.

NY 814 Char	ige (Account	Maintenance)			
	Segment:	REF Reference Identification (Utility Account Number)			
	Position:	030			
	Loop:	LIN Optional (Must Use)			
	Level:	Detail			
	Usage:	Optional (Must Use)			
	Max Use:	1			
	Purpose:	To specify identifying information			
Svn	tax Notes:	1 At least one of REF02 or REF03 is required.			
Syn		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.			
Seman	tic Notes:	 REF04 contains data relating to the value cited in REF02. 			
Seman	Notes:	Utility Request: Required			
	10005.	ESCO Response: Required			
		<u>Ebeo</u> response. Required			
		ESCO Request : Not Used			
		Utility Response: Not Applicable			
		The Utility account number assigned to the customer is used for validation and must be			
		present on all transactions.			
		The Utility is required to report any change in the customer's account number. The			
		new/current account number is sent in the REF*12 segment and the prior account number			
		must be sent in a REF*45 segment (see notes on line 49 of the 814C data dictionary).			
		The Response transaction must contain the new account number in the REF*12 segment.			
		REF~12~011231287654398			
		REF~12~011231287654398~U			
		Data Element Summary			
	Ref.	Data			
	Des.	<u>Element</u> <u>Name</u> <u>Attributes</u>			
Mand.	REF01	128Reference Identification QualifierM ID 2/3			
		12 Billing Account			
		Account number under which billing is rendered			
		REF02 contains the Utility-assigned account number for			
		the customer.			
Must Use	REF02	127Reference IdentificationXAN 1/30			
		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)			
Cond.	REF03	352 Description X AN 1/80			
		For utilities that support the practice of responding to requests pertaining			
		specifically to the un-metered portion of accounts, the REF03 element in the			
		REF*12 segment should only be sent to, or received by, the utility when the			
		commodity indicated in the LIN segment is Electric but the change request			

commodity indicated in the LIN segment is Electric but the change 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.

Un-Metered Service

U

	a i	DEF	
	Segment:		Reference Identification (Previous Utility Account Number)
	Position:	030	
	Loop:	LIN	Optional (Must Use)
	Level:	Detail	
	Usage:		(Dependent)
	Max Use:	1	
C	Purpose:		fy identifying information
Syn	tax Notes:		east one of REF02 or REF03 is required.
			ther C04003 or C04004 is present, then the other is required.
Sama	ntic Notes:		ther C04005 or C04006 is present, then the other is required.
Sema	Notes:	Utility R	604 contains data relating to the value cited in REF02.
	notes:	ESCO R	1
		ESCO K	esponse. Not used
		ESCO R	equest: Not Used
			esponse: Not Applicable
		Othity R	esponse. Not Applicable
		Where a	utility changes an existing customer's account number as a business process
			noted in its Utility Maintained EDI Guide), this segment must be sent by the
			then the utility assigned account number for the customer is changed.
		Cullty w	her the durity assigned decount number for the customer is changed.
		REF~45	~9194132485705971
			Data Element Summary
	Ref.	Data	
	Ref. Des.	Data Element	Name Attributes
Mand.	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	Name Reference Identification Qualifier M ID 2/3
Mand.	Des.	<u>Element</u>	
Mand.	Des.	<u>Element</u>	Reference Identification Qualifier M ID 2/3
Mand.	Des.	<u>Element</u>	Reference Identification QualifierMID 2/345Old Account Number
Mand.	Des.	<u>Element</u>	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed
Mand. Must Use	Des.	<u>Element</u>	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer.
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be
	<u>Des.</u> REF01	Element 128	Reference Identification Qualifier M ID 2/3 45 Old Account Number Identifies accounts being changed REF02 is the Utility's previous account number for the customer. Reference Identification X AN 1/30 Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be

Segment Position Loop Level Usage Max Use Purpose Syntax Notes Semantic Notes Notes	 030 LIN Optional (Must Use) Detail Optional (Dependent) 1 To specify identifying information 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. 1 REF04 contains data relating to the value cited in REF02.
Ref. <u>Des.</u> Mand. REF0	Data Element Summary Data Attributes Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 AJ Accounts Receivable Customer Account REF02 contains the Utility assigned account number for the ESCO
Must Use REF0	

NI 014 Clia				
	Segment:	REF	Reference Identification (Meter Cycle Code)	
	Position:	030	(interest events and interest events)	
			Ontional (Must Use)	
	Loop:		Optional (Must Use)	
	Level:	Detail		
	Usage:		l (Dependent)	
	Max Use:	1		
	Purpose:		fy identifying information	
Syn	tax Notes:		east one of REF02 or REF03 is required.	
			ther C04003 or C04004 is present, then the other is re	
		3 If eit	ther C04005 or C04006 is present, then the other is re	equired.
Semai	ntic Notes:	1 REF	F04 contains data relating to the value cited in REF02.	
	Notes:	Utility R	Lequest: Conditional	
		ESCO R	esponse: Not Used	
			*	
		ESCO R	equest: Not Used	
			Response: Not Applicable	
		0 0000 000		
		This segu	ment is sent to report a change in the customer's mete	er read cycle
		This segi	ment is sent to report a change in the customer's mete	er read cycle.
		DEE. 65.	~A12~MON	
			~18~BIM	
		KEF~03*	~10~DIW	
	Ref.	Data	Data Element Summary	
		Data	N.	A • 1
	Des.	Element		Attributes
Mand.			Reference Identification Qualifier	<u>Attributes</u> M ID 2/3
Mand.	Des.	Element	Reference Identification Qualifier Meter Cycle Code	
	<u>Des.</u> REF01	Element 128	Reference Identification QualifierMeter Cycle Code65Total Order Cycle Number	M ID 2/3
Mand. Must Use	Des.	Element	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference Identification	M ID 2/3 X AN 1/30
	<u>Des.</u> REF01	Element 128	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter reads	M ID 2/3 X AN 1/30 are scheduled for this
	<u>Des.</u> REF01	Element 128	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference Identification	M ID 2/3 X AN 1/30 are scheduled for this
	<u>Des.</u> REF01	Element 128	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter reads	M ID 2/3 X AN 1/30 are scheduled for this
	<u>Des.</u> REF01	Element 128	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter	M ID 2/3 X AN 1/30 are scheduled for this
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meterinformation from a Utility's web site.	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meterinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insufficient.	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter rinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code6565Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meterinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedulean 867 transaction.	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code65Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter rinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffuseusage period to be reported when regularly schedulean 867 transaction.BIMbi-monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification Qualifier Meter Cycle Code 65 Total Order Cycle Number 65 Total Order Cycle Number Reference Identification An alphanumeric code indicating when meter reads account. This code will be used to obtain the meter information from a Utility's web site. Description REF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction. BIM bi-monthly MON monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code65Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter rinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffuseusage period to be reported when regularly schedulean 867 transaction.BIMbi-monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification Qualifier Meter Cycle Code 65 Total Order Cycle Number 65 Total Order Cycle Number Reference Identification An alphanumeric code indicating when meter reads account. This code will be used to obtain the meter information from a Utility's web site. Description REF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction. BIM bi-monthly MON monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification Qualifier Meter Cycle Code 65 Total Order Cycle Number 65 Total Order Cycle Number Reference Identification An alphanumeric code indicating when meter reads account. This code will be used to obtain the meter information from a Utility's web site. Description REF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction. BIM bi-monthly MON monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification Qualifier Meter Cycle Code 65 Total Order Cycle Number 65 Total Order Cycle Number Reference Identification An alphanumeric code indicating when meter reads account. This code will be used to obtain the meter information from a Utility's web site. Description REF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction. BIM bi-monthly MON monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification Qualifier Meter Cycle Code 65 Total Order Cycle Number 65 Total Order Cycle Number Reference Identification An alphanumeric code indicating when meter reads account. This code will be used to obtain the meter information from a Utility's web site. Description REF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction. BIM bi-monthly MON monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification Qualifier Meter Cycle Code 65 Total Order Cycle Number 65 Total Order Cycle Number Reference Identification An alphanumeric code indicating when meter reads account. This code will be used to obtain the meter information from a Utility's web site. Description REF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction. BIM bi-monthly MON monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification Qualifier Meter Cycle Code 65 Total Order Cycle Number 65 Total Order Cycle Number Reference Identification An alphanumeric code indicating when meter reads account. This code will be used to obtain the meter information from a Utility's web site. Description REF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction. BIM bi-monthly MON monthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code65Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter rinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction.BIMbi-monthlyMONmonthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code65Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter rinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction.BIMbi-monthlyMONmonthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code65Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter rinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction.BIMbi-monthlyMONmonthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the
Must Use	Des. REF01 REF02	Element 128 127	Reference Identification QualifierMeter Cycle Code65Total Order Cycle NumberReference IdentificationAn alphanumeric code indicating when meter readsaccount. This code will be used to obtain the meter rinformation from a Utility's web site.DescriptionREF03 should be sent if the code in REF02 is insuffusage period to be reported when regularly schedule an 867 transaction.BIMbi-monthlyMONmonthly	M ID 2/3 X AN 1/30 are scheduled for this reading schedule X AN 1/80 ficient to communicate the

	Sagmante	RFF	Defenence Iden	tification (Bill Cycle C	(aba'	
	Segment:		Kelerence luer	unication (Bin Cycle C	loue)	
	Position: Loop:	030 LIN	Optional (Must U	so)		
	Loop. Level:	Detail	Optional (Must O	80)		
	Usage:		(Dependent)			
	Max Use:	1	(Dependent)			
	Purpose:	To specif	fy identifying info	rmation		
Syn	ntax Notes:			or REF03 is required.		
·		2 If eit	ther C04003 or C0	4004 is present, then the	e other is required.	
				4006 is present, then the		
Sema	ntic Notes:			elating to the value cited	l in REF02.	
	Notes:	Utility Re				
		ESCO Re	esponse: Not Us	ed		
		ECO D.	Not II			
		ESCO Re Utility Re		plicable		
		Ounty K	esponse. Not Ap	plicable		
		This segr	nent must be sent	by the Utility when ther	e has been a change	in the customer's
			date or bill freque			
			ŕ			
			~18~MON			
		REF~BF	~05~QTR			
			Dat	a Element Summary		
	Ref.	Data		a Element Summary		
	Ref. Des.	Data Element		a Excluent Summary		Attributes
Mand.	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u>	ification Qualifier		Attributes M ID 2/3
Mand.	Des.	Element	<u>Name</u>		tification	
Mand.	Des.	Element	<u>Name</u> Reference Ident	ification Qualifier Billing Center Iden Billing cycle. Cycl	e number indicating	M ID 2/3
	<u>Des.</u> REF01	<u>Element</u> 128	<u>Name</u> Reference Ident BF	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul	e number indicating	M ID 2/3 when this
Mand. Must Use	Des.	Element	<u>Name</u> Reference Ident BF Reference Ident	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul	e number indicating led for billing.	M ID 2/3 when this X AN 1/30
	<u>Des.</u> REF01	<u>Element</u> 128	Name Reference Ident BF Reference Ident An alphanumeric	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification	e number indicating led for billing.	M ID 2/3 when this X AN 1/30 repared for the
	<u>Des.</u> REF01	<u>Element</u> 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on	e number indicating led for billing. a scheduled bill is pr a cycle other than th	M ID 2/3 when this X AN 1/30 repared for the ne read cycle in
	<u>Des.</u> REF01	<u>Element</u> 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this c	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re	e number indicating led for billing. a scheduled bill is pr a cycle other than th	M ID 2/3 when this X AN 1/30 repared for the ne read cycle in
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this c the utility's web	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re	e number indicating led for billing. a scheduled bill is pr a cycle other than th	M ID 2/3 when this X AN 1/30 repared for the ne read cycle in billing date from
	<u>Des.</u> REF01	<u>Element</u> 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re	e number indicating led for billing. a scheduled bill is pr a cycle other than th etrieve the scheduled	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re- site.	e number indicating led for billing. a scheduled bill is pr a cycle other than th etrieve the scheduled which the account is	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its determine bill from	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification e code indicating when a companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se equency (by reference to	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf o the Utility's web sit	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its determine bill fre bill cycle is bein	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se equency (by reference to g reported, then this elem	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf o the Utility's web sit	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its determine bill fro bill cycle is bein BIM	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se equency (by reference to g reported, then this elem bi-monthly	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf o the Utility's web sit	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its determine bill fro bill cycle is bein BIM MON	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se equency (by reference to g reported, then this elen bi-monthly monthly	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf o the Utility's web sit	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its determine bill fro bill cycle is bein BIM	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se equency (by reference to g reported, then this elem bi-monthly	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf o the Utility's web sit	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its determine bill fro bill cycle is bein BIM MON	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se equency (by reference to g reported, then this elen bi-monthly monthly	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf o the Utility's web sit	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to
Must Use	<u>Des.</u> REF01 REF02	Element 128	Name Reference Ident BF Reference Ident An alphanumeric customer. Some which case this of the utility's web Description If present, indica Utility. Billing f the Utility on its determine bill fro bill cycle is bein BIM MON	ification Qualifier Billing Center Iden Billing cycle. Cycl customer is schedul ification code indicating when a companies may bill on ode would be used to re- site. tes the frequency with w requency information m web site. If the data se equency (by reference to g reported, then this elen bi-monthly monthly	e number indicating led for billing. a scheduled bill is pr a cycle other than the etrieve the scheduled which the account is nay be implicit in the nt in REF02 is insuf o the Utility's web sit	M ID 2/3 when this X AN 1/30 repared for the he read cycle in billing date from O AN 1/80 billed by the e data provided by fficient to

NY 814 Chan	ige (Account				
	Segment:	REF	Reference Ident	ification (Bill Presenter)	
	Position:	030	Kerer ence Tuent	meation (Dim Presenter)	
			Ontional (Mart Us	-)	
	Loop: Level:	LIN Detail	Optional (Must Use	e)	
			(Den en dent)		
	Usage:		(Dependent)		
	Max Use:	1 Ta an a i			
S4	Purpose:		fy identifying inform		
Synt	tax Notes:			or REF03 is required.	
				004 is present, then the other is required.	
C	4. NI - 4			006 is present, then the other is required.	
Seman	tic Notes:			lating to the value cited in REF02.	
	Notes:	Utility R			
		ESCO R	esponse: Not Use	a	
		ESCO R			
		Utility R	esponse: Not Use	d	
				rt a change in the Bill Presenter. It may be	
				gments when requesting a change in either	
		bill calcu	lator (REF*PC). S	ee Front Matter notes for further instruction	ns.
		DEE DI			
			T~DUAL		
		REF~BL			
		REF~BL	T~ESP		
	5.4	D (Data	Element Summary	
	Ref.	Data	N.		A • 1
	Des.	Element	Name		<u>Attributes</u>
Mand.	REF01	128		fication Qualifier	M ID 2/3
			BLT	Billing Type	
				Identifies whether the bill is a single bil	
				the Utility, a single bill consolidated by	the ESCO, or
				separate bills presented by each party.	
Must Use	REF02	127	Reference Identi		X AN 1/30
			DUAL	Each Party Presents a separate bill	
			ESP	ESCO is the consolidated Bill Presenter	
				Sent when the ESCO will be the bill pre-	esenter under
				ESCO Combined Billing.	
			LDC	ESCO Combined Billing. Utility is the consolidated Bill Presenter	r
			LDC		r
			LDC		r
			LDC		r
			LDC		r
			LDC		r
			LDC		r
			LDC		r
			LDC		r

NY 814 Chai	nge (Account	Maintenance)		
	Segment:	REF Reference Identi	fication (Bill Calculator)	
			fication (Bin Calculator)	
	Position:	030		
	Loop:	LIN Optional (Must Use)	
	Level:	Detail		
	Usage:	Optional (Dependent)		
	Max Use:	1		
	Purpose:	To specify identifying inform	nation	
Syn	tax Notes:	1 At least one of REF02 of	r REF03 is required.	
			004 is present, then the other is required.	
		3 If either C04005 or C040	006 is present, then the other is required.	
Semar	ntic Notes:	1 REF04 contains data rela	ating to the value cited in REF02.	
	Notes:	Utility Request: Condition	nal	
		ESCO Response: Not Used		
		ESCO Request: Conditio	nal	
		Utility Response: Not Used	1	
		This segment is sent to repor	t a change in the Bill Calculator. It may be necessary to	
			ta segments when requesting a change in either bill pres	enter
			. See Front Matter notes (pages i - iv) for further	cinter
		instructions.	. See I font Watter notes (pages 1 - 17) for further	
		liisti uetiolis.		
		Not used in Single Petailer tr	ansactions that support ESCO Combined Billing.	
		Not used in Single Retailer u	ansactions that support ESCO Comonied Binnig.	
		REF~PC~DUAL		
		REF~PC~LDC		
		KEF~PC~LDC		
		Data		
	Ref.	Data	Element Summary	
Mand	Des.	Element Name	Attributes	
Mand.		ElementName128Reference Identified	ication Qualifier M ID 2/3	
Mand.	Des.	Element Name	ication Qualifier M ID 2/3 Production Code	11
Mand.	Des.	ElementName128Reference Identified	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi	11
	Des. REF01	Element Name 128 Reference Identifi PC	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi calculate billed charges.	
Mand. Must Use	Des.	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication QualifierMID 2/3Production CodeIndicates this data segment identifies the party that wi calculate billed charges.icationXAN 1/3	
	Des. REF01	Element Name 128 Reference Identifi PC	ication QualifierMID 2/3Production CodeIndicates this data segment identifies the party that wi calculate billed charges.XAN 1/3icationXAN 1/3Each Party Calculates its own charges.XAN 1/3	
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication QualifierMID 2/3Production CodeIndicates this data segment identifies the party that wi calculate billed charges.icationXAN 1/3	
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN:	0
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN	0 ND
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wire calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read	0 ND
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN	0 ND
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wire calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read	0 ND
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wire calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read	0 ND
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated;	0 ND
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR	0 ND ly
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated;	0 ND ly
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read	0 ND ly
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN	0 ND ly
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that wi calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read	0 ND ly
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read utility charges fully calculated;	0 ND ly
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	Ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read ESCO charges fully calculated; OR OR OR	0 ND ly
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	Ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read ESCO charges fully calculated; OR Each Party will present their own bill	0 ND ly ND dy
	Des. REF01	Element Name 128 Reference Identifier PC 127 Reference Identifier 127	Ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read utility will send an 810 to the Utility with bill read utility will send an 810 to the Utility with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read ESCO charges fully calculated; OR Each Party will present their own bill (REF*BLT=DUAL) AND each will calculate their own	0 ND ly ND dy
	Des. REF01	Element Name 128 Reference Identifier PC Reference Identifier 127 Reference Identifier DUAL DUAL	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read utility charges fully calculated; OR Each Party will present their own bill (REF*BLT=DUAL) AND each will calculate their ow charges.	0 ND ly ND dy
	Des. REF01	ElementName128Reference IdentifiPC127Reference Identifi	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read utility charges fully calculated; OR Each Party will present their own bill (REF*BLT=DUAL) AND each will calculate their ow charges. The Utility Calculates the ESCO Charges	0 ND ly ND dy
	Des. REF01	Element Name 128 Reference Identifier PC Reference Identifier 127 Reference Identifier DUAL DUAL	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read utility charges fully calculated; OR Each Party will present their own bill (REF*BLT=DUAL) AND each will calculate their ow charges. The Utility Calculates the ESCO Charges RATE READY: The ESCO provides the rate or rate	0 ND ly ND dy
	Des. REF01	Element Name 128 Reference Identifier PC Reference Identifier 127 Reference Identifier DUAL DUAL	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read utility charges fully calculated; OR Each Party will present their own bill (REF*BLT=DUAL) AND each will calculate their ow charges. The Utility Calculates the ESCO Charges RATE READY: The ESCO provides the rate or rate structure to the Utility. The Utility calculates the	0 ND ly ND dy
	Des. REF01	Element Name 128 Reference Identifier PC Reference Identifier 127 Reference Identifier DUAL DUAL	ication Qualifier M ID 2/3 Production Code Indicates this data segment identifies the party that will calculate billed charges. ication X AN 1/3 Each Party Calculates its own charges. "DUAL" SHOULD BE SENT WHEN: The ESCO is the Bill Presenter (REF*BLT= ESP) AN the utility will send an 810 to the ESCO with bill read utility charges fully calculated; OR The Utility is the Bill Presenter (REF*BLT=LDC) AN the ESCO will send an 810 to the Utility with bill read utility charges fully calculated; OR Each Party will present their own bill (REF*BLT=DUAL) AND each will calculate their ow charges. The Utility Calculates the ESCO Charges RATE READY: The ESCO provides the rate or rate	0 ND ly ND dy

	Segment: Position: Loop: Level: Usage:	REF Reference Identification (Current Budget Billing Status) 030 LIN Optional (Must Use) Detail Optional (Dependent)
Synt	Max Use: Purpose: tax Notes:	 I To specify identifying information At least one of REF02 or REF03 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. REF04 contains data relating to the value cited in REF02.
	Notes:	Utility Request: Conditional ESCO Response: Not Used ESCO Request: Conditional Utility Response: Not Used
		This segment must be sent when the customer receives a consolidated bill AND the customer is being placed on a budget plan by the initiator of the transaction (either the Utility or ESCO) OR the customer's budget plan with the initiator of the transaction is being discontinued. Budget billing changes can be requested only when consolidated billing is being used AND the billing party has agreed to calculate budget billing amounts for the non-billing party. REF~NR~Y REFF~NR~N
		Data Element Summary
	Ref.	Data
Mand.	<u>Des.</u> REF01	ElementName128ReferenceIdentificationQualifierMID 2/3
		NR Progress Payment Number Indicates a change to the customer's budget billing status for a customer on consolidated billing.
Must Use	REF02	127Reference IdentificationXAN 1/30
		NThis customer is no longer on budget billing for the sender's charges.YThis customer is, or will be, on budget billing for the sender's charges.

Segment:	REF Reference Identif	ination (FSCO Lata Faas)	
Position:	030	ication (ESCO Late Fees)	
Loop:	LIN Optional (Must Use)		
Loop: Level:	Detail		
Usage:	Optional (Dependent)		
Max Use:	1		
Purpose:	To specify identifying information	ation	
Syntax Notes:	1 At least one of REF02 or		
·		04 is present, then the other is required.	
	3 If either C04005 or C040	06 is present, then the other is required.	
Semantic Notes:		ting to the value cited in REF02.	
Notes:	ESCO Request: Condition		
	Utility Response: Condition	al	
	Utilitas De succesto - Net Used		
	Utility Request: Not Used	Applicable	
	ESCO Response: Not Used	Applicable	
	Where required by a utility th	is segment is used to report a change in t	he ESCOs late fee
		customer's bill option is Utility Rate Rea	
		ssing method is Pay-As-You-Get-Paid.	
		e corresponding Response transaction.	0 5
	The code REFLF should be se	ent in the REF*TD segment at the account	nt to identify the
	change.		
	REF~LF~N2		
	REF~LF~Y2		
	Data F	Element Summary	
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		<u>Attributes</u>
Mand. REF01	128 Reference Identifie	cation Qualifier	M ID 2/3
	LF	Assembly Line Feed Location	
		ESCO Late Fee Indicator	
		Late fees will/will not be assessed by t	
		on ESCO past due amounts for the acc	ount being
Ontional DEE02	127 Defenence Identifi	enrolled.	V AN 1/20
Optional REF02	127 Reference Identifie N2	No	X AN 1/30
	112	Late fees should NOT be assessed by t	he Billing Party on
		ESCO past due amounts.	ine Dinning I dity Off
	Y2	Yes	
		Late fees should be assessed by the Bil	lling Party on
		ESCO past due amounts.	<i>.</i> .
		-	

Segment Position Loop Level Usage Max Use Purpose Syntax Notes Semantic Notes	 030 LIN Optional (Must Use) Detail Optional (Dependent) 1 To specify identifying information 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.
Notes	
	ESCO Request: Conditional Utility Response: Not Used This segment is sent to report a change in the portion of a customer's load that will be supplied by the ESCO where the customer is a partial requirements customer of the Utility. REF~PGC~B REF~PGC~T
	Data Element Summary
Ref. <u>Des.</u> Mand. REF01	Data <u>Element</u> <u>Name</u> <u>Attributes</u>
Must Use REF02	

NT 814 Change (Account	
Segment:	REF Reference Identification (Customer on Life Support)
Position:	
Loop:	LIN Optional (Must Use)
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:	Utility Request: Not Used
	ESCO Response: Not Applicable
	ESCO Request: Conditional
	Response: Not Used
	ESCO must report a change in an electric customer's life support status for the Single
	Retailer Model.
	REF~SU~Y
	REF~SU~N
	Data Element Summary
Def	
Ref.	Data
Des.	<u>Element</u> <u>Attributes</u>
	ElementName128Reference Identification QualifierAttributesMID 2/3
Des.	ElementNameAttributes128Reference Identification Qualifier SUMID 2/3
Des.	Element 128Name Reference Identification Qualifier SUAttributes MSUSpecial Processing Code Life support equipment verification. Customer requires
<u>Des.</u> Mand. REF01	Element Name 128 Reference Identification Qualifier Attributes SU Special Processing Code M ID 2/3 Life support equipment verification. Customer requires life support equipment.
Des.	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 SU Special Processing Code Life support equipment verification. Customer requires life support equipment. 127 Reference Identification X AN 1/30 N Life Support Not Required X AN 1/30

N 1 814 Change (Account	
Segment:	REF Reference Identification (Gas Pool ID)
Position:	030
Loop:	LIN Optional (Must Use)
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.
Semantic Notes:	 If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. REF04 contains data relating to the value cited in REF02.
Notes:	Utility Request: Not Used ESCO Response: Not used
	ESCO Request: Conditional Utility Response: Not Used
	GAS ONLY. This segment is used when the ESCO moves a customer from one Gas Pool to another.
	REF~VI~211234567
	Data Element Summary
Ref.	Data
Des.	Element Name <u>Attributes</u>
Mand. REF01	128 Reference Identification Qualifier M ID 2/3
	VI Pool Number
	Gas Pool ID's are assigned to a gas marketer by the
	Utility and are used to define a unique sub-grouping of
	customers.
Must Use REF02	127 Reference Identification X AN 1/30
	New Gas Pool ID for the account specified.

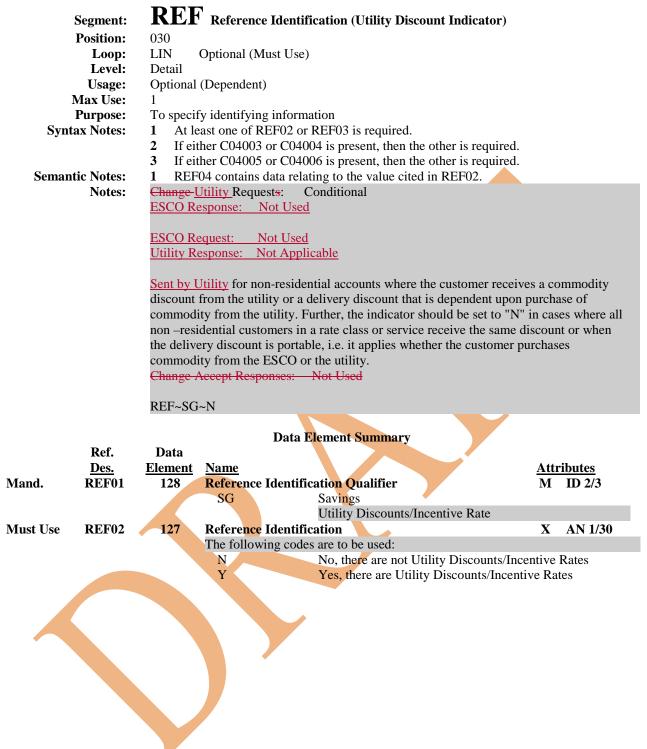
	0		
	Segment:	REF	F Reference Identification (Gas Capacity Assignment/Obligation)
	Position:	030	
	Loop:	LIN	Optional (Must Use)
	Level:	Detail	optional (Must 030)
	Usage:		l (Dependent)
	Max Use:	. *	n (Dependent)
		1 To specie	if identifying information
C	Purpose:		ify identifying information
Syn	tax Notes:		least one of REF02 or REF03 is required.
			ither C04003 or C04004 is present, then the other is required.
G			ither C04005 or C04006 is present, then the other is required.
Semar	ntic Notes:		F04 contains data relating to the value cited in REF02.
	Notes:		Request: Conditional
		ESCO R	Response: Not Used
			Request: Not Used
		Utility R	Response: Not Applicable
		GAS ON	NLY. This segment is provided to the ESCO by the Utility to convey a change in
		the inten	nded or obligated pipeline capacity requirements necessary to meet the needs of
			use customer as described in its Utility Maintained EDI Guide.
			·
		REF~GC	C~YES
		REF~GC	C~NO
		REF~GC	C~NO
		REF~GC	
	Ref		C~NO Data Element Summary
	Ref. Des	Data	Data Element Summary
Mand	Des.	Data <u>Element</u>	Data Element Summary <u>Name Attributes</u>
Mand.		Data	Data Element Summary <u>Name</u> Reference Identification Qualifier M ID 2/3
Mand.	Des.	Data <u>Element</u>	Attributes Attributes M ID 2/3 GC Government Contract Number
	<u>Des.</u> REF01	Data <u>Element</u> 128	Data Element Summary Name Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation
Mand. Must Use	Des.	Data <u>Element</u>	Attributes Attributes Reference Identification Qualifier Attributes GC Government Contract Number M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Reference Identification X AN 1/30
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier Attributes GC Government Contract Number M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of
	<u>Des.</u> REF01	Data <u>Element</u> 128	Attributes Attributes Reference Identification Qualifier M ID 2/3 GC Government Contract Number Gas Capacity Assignment/Obligation Image: Capacity Assignment/Obligation Reference Identification X AN 1/30 N No: ESCO must arrange for capacity for the customer being enrolled Y Yes: ESCO must take the Utility release or assignment of

Synt	Segment: REF Reference Identification (ISO Location Based Marginal Pricing Zones) Position: 030 Loop: LIN Optional (Must Use) Level: Detail Usage: Optional (Dependent) Max Use: 1 Purpose: To specify identifying information tax 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. 1 REF04 contains data relating to the value cited in REF02. Utility Request: Conditional ESCO Response: Not Used Utility Response: Not Used ELECTRIC ONLY. This segment is sent to report a change in the LBMP zone for a customer. REF~SPL~A				
			Data Element Summary		
	Ref.	Data Element	Name <u>Attributes</u>		
Mand.	<u>Des.</u> REF01	<u>128</u>	Name Autibutes Reference Identification Qualifier M ID 2/3		
Must Use	REF02	127	SPL Standard Point Location Code (SPLC) REF02 contains the ISO Assigned code for New York Location Based Pricing Zones when service type is EL. This is the pricing zone for the account being enrolled. Reference Identification X AN 1/30 A code assigned by the ISO that represents a location based marginal pricing zone. Valid Values for REF02: A WEST B GENESE		
			C CENTRL		
			D NORTH		
			E MHK VL F CAPITL		
			G HUD VL		
			H MILL WD I DUNWOD		
			I DUNWOD J N.Y.C.		
			K LONGIL		
			M HQ O OH		
			P PJM		

	Segment:	REF	↑ Reference Ide	entification (Portion Taxed	Residential)	
	Position:	030	. Kererence fue	nuncation (1 of tion 1 axeu	Acsidential)	
	Loop:	LIN	Optional (Must U	Ise)		
	Level:	Detail	Optional (Must C	530)		
	Usage:		l (Dependent)			
	Max Use:	1	(Dependent)			
	Purpose:	To speci	fy identifying info	ormation		
Svn	tax Notes:			2 or REF03 is required.		
Byli	ltax Holes.	2 If ei	ther C04003 or C	204004 is present, then the ot 204006 is present, then the ot		
Semai	ntic Notes:			relating to the value cited in		
	Notes:	Utility R				
			Lesponse: Not U			
		ESCO R Utility R	equest: Condi Response: Not U	itional Ised		
		Cullty R	esponse. Not o			
		that is ta		ere has been a change in the al rate AND the customer's b		
		REF~RF				
		REF~RF	°~25			
			Da	to Element Summer		
	Ref.	Data	Da	ata Element Summary		
	Des.	Element	Name		۸.	<u>tributes</u>
Mand.	<u>DCS.</u> REF01	<u>128</u>		ntification Qualifier		
Wianu.	KEI VI	120	RP	Repetitive Pattern Cod		10 2/5
			NI C			
				Portion Taxed Residen	1191	
				Portion Taxed Residen		hould be
				Percent of a Non-Resid	lential account that s	hould be
Must Use	RFF02	127	Reference Iden	Percent of a Non-Resid considered residential	lential account that s for tax purposes.	
Must Use	REF02	127	Reference Iden The following c	Percent of a Non-Resid considered residential	lential account that s	
Must Use	REF02	127	The following c	Percent of a Non-Resid considered residential tification codes are to be used:	lential account that s for tax purposes. X	
Must Use	REF02	127	The following c 20	Percent of a Non-Resid considered residential : ntification codes are to be used: Split Rate 10% Reside:	lential account that s for tax purposes. X ntial use	
Must Use	REF02	127	The following c	Percent of a Non-Resid considered residential : ntification codes are to be used: Split Rate 10% Reside: Split Rate 20% Reside:	lential account that s for tax purposes. X ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Resider Split Rate 20% Resider Split Rate 30% Resider	lential account that s for tax purposes. X ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Resider Split Rate 20% Resider Split Rate 30% Resider Split Rate 40% Resider	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Reside Split Rate 20% Reside Split Rate 30% Reside Split Rate 40% Reside Split Rate 50% Reside	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24 25	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Resider Split Rate 20% Resider Split Rate 30% Resider Split Rate 40% Resider Split Rate 50% Resider Split Rate 60% Resider	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Reside Split Rate 20% Reside Split Rate 30% Reside Split Rate 40% Reside Split Rate 50% Reside	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24 25 26	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Reside: Split Rate 20% Reside: Split Rate 30% Reside: Split Rate 40% Reside: Split Rate 50% Reside: Split Rate 60% Reside: Split Rate 70% Reside:	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24 25 26	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Reside: Split Rate 20% Reside: Split Rate 30% Reside: Split Rate 40% Reside: Split Rate 50% Reside: Split Rate 60% Reside: Split Rate 70% Reside:	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24 25 26	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Reside: Split Rate 20% Reside: Split Rate 30% Reside: Split Rate 40% Reside: Split Rate 50% Reside: Split Rate 60% Reside: Split Rate 70% Reside:	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24 25 26	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Reside: Split Rate 20% Reside: Split Rate 30% Reside: Split Rate 40% Reside: Split Rate 50% Reside: Split Rate 60% Reside: Split Rate 70% Reside:	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use	
Must Use	REF02	127	The following c 20 21 22 23 24 25 26	Percent of a Non-Resid considered residential in tification codes are to be used: Split Rate 10% Reside: Split Rate 20% Reside: Split Rate 30% Reside: Split Rate 40% Reside: Split Rate 50% Reside: Split Rate 60% Reside: Split Rate 70% Reside:	lential account that s for tax purposes. X ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use ntial use	

NT 014 Chan	ige (Account							
	Segment:	REF	F Reference Identification (Account Settlement Indicator)					
	Position:	030						
	Loop:	LIN Optional (Must Use)						
	Level:	Detail						
	Usage:		l (Dependent)					
	Max Use:	1						
	Purpose:	-	fy identifying information					
	tax Notes:		east one of REF02 or REF03 is required.					
Sym	lax notes.		ther C04003 or C04004 is present, then the other is required.					
			ther C04005 or C04006 is present, then the other is required.					
Somon	tic Notes:		F04 contains data relating to the value cited in REF02.					
Seman	Notes:		Change Requests: Conditional, for Electric accounts	only				
	notes.		AcceptESCO Responses: Not Used	omy				
		Change /	Accept <u>ESCO</u> Responses. Not Used					
		ESCO D	Net Herd					
		ESCO Re						
		Utility Re	Response: Not Applicable					
		G (1 - 11						
		Set by U	Itility for Electric accounts only.					
		REF~TD)T~C					
	-	-	Data Element Summary					
	Ref.	Data						
	Dec		Nama	A 44				
	Des.	<u>Element</u>		<u>Attributes</u>				
Mand.	<u>Des.</u> REF01	<u>Element</u> 128	Reference Identification Qualifier	M ID 2/3				
Mand.			Reference Identification QualifierTDTTechnical Documentation Type					
Mand.	REF01		Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator	M ID 2/3				
Mand. Must Use			Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification					
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator	M ID 2/3				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape	M ID 2/3				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used:	M ID 2/3				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape	M ID 2/3				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				
	REF01	128	Reference Identification Qualifier TDT Technical Documentation Type Account Settlement Indicator Reference Identification The following codes are to be used: C Class Load Shape H Hourly M Mixed Account is settled with the NYISO with the NYISO with the NYISO	M ID 2/3 X AN 1/30				

Segment:	REF Reference Identification (NYPA Discount Indicator)							
Position:	030							
Loop:	LIN Optional							
Level:	Detail							
Usage:	Optional (Dependent)							
Max Use: Purpose:	1 To specify identifying information							
Syntax Notes:	1 At least one of REF02 or REF03 is required.							
Syntax 1 (otes:	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:	Change Utility Requests: Conditional Electric accounts, if available in the							
	utility's system and the utility do not otherwise provide the indicator through a non EDI							
	means. Change AssentESCO Desmonass. Not Used							
	Change AcceptESCO Responses: Not Used							
	ESCO Request: Not Used							
	Utility Response: Not Applicable							
	Sent by Utility for Electric accounts, if available in the utility's system and the utility do							
	not otherwise provide the indicator through a non-EDI means.							
	DEE VD V							
	REF~YP~Y							
	Data Element Summary							
T 0								
Ref.	Data							
Des.	<u>Element</u> <u>Attributes</u>							
	ElementName128Reference Identification QualifierMID 2/3							
Des.	ElementNameAttributes128Reference Identification Qualifier YPMID 2/3							
Des.	Element Name 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority.							
Des.	Element Name 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: Image: Note that the second seco							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
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<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							
<u>Des.</u> REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 YP Selling Arrangement NYPA Discount Indicator. The customer receives any special incentives from the New York Power Authority. 127 Reference Identification X AN 1/30 The following codes are to be used: N No, the customer does not have a NYPA Discount							



Segment Position Loop Level Usage Max Use Purpose Syntax Notes Semantic Notes Notes	 030 LIN Optional (Must Use) Detail Optional (Dependent) 1 To specify identifying information 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. 1 REF04 contains data relating to the value cited in REF02.
Ref. <u>Des.</u> Cond. REF01	IJ Standard Industry Classification (SIC) Code Standard Industry Classification (SIC) Code, or North American Industry Classification System (NAICS)
Must Use REF02	Code 127 Reference Identification X AN 1/30
Must Use REF03	SIC or NAICS Code as stored in the Utility's system 352 Description X AN 1/80 NAICS Value contained in REF02 is an NAICS code SIC Value contained in REF02 is an SIC code

NT 014 Cha	ige (Account	DEE					
	Segment:	${f REF}$ Reference Identification (Utility Tax Exempt Status)					
	Position:	030					
	Loop:	LIN Optional (Must Use)					
	Level:						
	Usage:						
	Max Use: 1						
	Purpose:	To specify identifying information					
Syn	tax Notes:	1 At least one of REF02 or REF03 is required.					
Syn	tax notes.	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.					
Samar	ntic Notes:	 REF04 contains data relating to the value cited in REF02. 					
Seman	Notes:	Change Utility Requests: Conditional					
	Notes.	Change AcceptESCO Responses: Not Used					
		Change Accept <u>LISCO</u> Responses. Not Used					
		ESCO Deserverte Net Used					
		ESCO Request: Not Used					
		Utility Response: Not Applicable					
		Signifies the existence of exemptions and/or certifications, if any, held b					
		are used to bill the customer for utility services. The indicator is inform					
		utility's exemption is not transferable to the ESCO to bill the customer for					
		services. The ESCO should not rely upon the utility's information for bi					
		and should contact the customer to obtain necessary information consist					
		requirements of the New York State Department of Taxation & Finance	and any				
		applicable laws.					
		REF~TX~Y					
		Data Element Summary					
	Ref.	Data					
	Des.	<u>Element</u> <u>Name</u>	<u>Attributes</u>				
Mand.	REF01	128 Reference Identification Qualifier	M ID 2/3				
		TX Tax Exempt Number					
		Indicates the Utility's Tax Exemption Sta	itus at the time				
		the transaction is created.					
Must Use	REF02	127 Reference Identification	X AN 1/30				
		The following codes are to be used:					
		N No, the customer is fully taxed for distrib	oution charges at				
		the time the transaction is created.	e				
		Y Yes, customer has some level of tax exer	nption for				
		distribution charges at the time the transa					

N814C v.2.<u>2-3</u>(004010)

NT 014 Cha	ige (Account	,		
	Segment:	REF Reference Identified	cation (Interval Usage Option)	
	Position:	030	(
	Loop:	LIN Optional (Must Use)		
	Level:	Detail		
	Usage:	Optional (Dependent)		
	Max Use:	1		
	Purpose:	To specify identifying information	ion	
Sunt	tax Notes:	1 At least one of REF02 or H		
Syn	lax notes.		4 is present, then the other is required	
			6 is present, then the other is required	
Somon	tic Notes:		ng to the value cited in REF02.	•
Seman	Notes:	Utility Request: Not Used	ing to the value cited in KEF02.	
	notes:			
		ESCO Response: Not Used		
		ESCO Request: Optional	1	
		Utility Response: Conditiona	1	
			reference to receive the 867IU for a c	
			segment may be returned in a Change	e Accept Response
		from the Utility when sent in th	le request by the ESCO.	
				a since of a state of farm
			ective mid-cycle, provided that it is re-	ceived at least four
		calendar days prior to the next	read date.	
		REF*IU*SUMMARY		
		REF*IU* DETAIL		
		REF*IU*METERDETAIL		
		D-4- E		
	Def		ement Summary	
	Ref.	Data		A / A • T · A
	Des.	Element Name		Attributes
Mand.	REF01	128 Reference Identifica		M ID 2/3
		IU	Barge Permit Number	
			Interval Usage Option	
			Option used by ESCO to request f	0
			867IU transaction instead of the d	• •
			867MU transaction at either the A	
			Meter Level for a customer with a	in interval metered
			account.	
			The default usage report is the 86'	
			this segment REF~IU is not on th	e 814E request the
			Utility will provide the 867MU	
Must Use	REF02	127 Reference Identific		X AN 1/30
		The following codes		
		SUMMARY	Monthly Billed Usage	
		DETAIL	ESCO Request to receive Interval	
			account level for a customer with	
		METERDETAIL	ESCO Request to receive Interval	Meter Detail.

Po		030 LIN Detail Optional 1 To specif 1 At le 2 If eit 3 If eit 1 REF(Utility Re EDI Guid benefits. ESCO Re Utility Re ESCO Re Utility Re	ify identifying information least one of REF02 or REF03 is required. ither C04003 or C04004 is present, then the other is required. ither C04005 or C04006 is present, then the other is required. F04 contains data relating to the value cited in REF02. Request: <u>OptionalIf supported by a utility as specified in its Utility</u> ide, used to notify the ESCO that the customer is no longer eligible for reasonse: Not Used Request: Not Used Response: Not Used rted by a utility as specified in its Utility Maintained EDI Guide, used O that the customer's APP benefit status has changed.	r APP
	Ref.	Data	Data Element Summary	
Mand.	<u>Des.</u> REF01	<u>Element</u> 128	Reference Identification QualifierM5EConsumer Identifier	ibutes ID 2/3
Must Use	REF02	127	APP Status Reference Identification X The following codes are to be used: N N No, the customer is not currently eligible for A benefits. Y Yes, the customer is currently eligible for API	

U X	DTM							
Segment:	${f DTM}$ Date/Time Reference (Effective Date of Change)							
Position:	040							
Loop:	LIN Optional (Must Use)							
Level:	Detail	Detail						
Usage:	Optional (Dependent)							
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:								
Notes:	Utility Request: Conditional							
	ESCO Response: Not Used							
	ESCO Request: Conditional							
	Utility Response: Conditional							
	This segment is required on all Utility initiated Requests (except for c	hanges to ICAD						
	Tags, Assigned Service Start or Assigned Service End Date). This seg	0						
	required on the Utility Response to an ESCO Request for a change in							
	option. This segment is required on ESCO initiated Requests reportin							
	customer's mailing address or HEAP payment when Single Retailer tra							
	to support ESCO Consolidated Billing.	ansactions are used						
	to support ESCO Consolidated Dining.							
	This segment may also be sent on ESCO initiated Requests to report a	change in ESCO						
	Commodity Price, Fixed Charge or Rate Code when the Utility is the							
	Bill Calculator (Rate Ready Consolidated Billing) AND the Utility ha							
	price or rate changes on a date other than the regularly scheduled bill of							
	When a DTM~007 segment is not sent and the date has not been provi	ided in another						
	DTM segment (DTM~105, DTM~AB2), it can be presumed that the							
	the effective date of the change. In any case, the utility should clarify							
	segment in its Utility Maintained EDI Guide.							
	DTM~007~20060917							
	Data Element Summary							
Ref.	Data							
Des.	<u>Element</u> <u>Name</u>	Attributes						
Mand. DTM01	374 Date/Time Qualifier	M ID 3/3						
	007 Effective							
	The date that the requested change is, o	or will become,						
	effective.	V DT 0/0						
Must Use DTM02	373 Date	X DT 8/8						
	Date expressed in CCYYMMDD format.							

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	Segment:	DTN	M Date/Time Reference (Assigned Service Start Date)				
	Position:	040					
	Loop:	LIN Optional (Must Use)					
	Level:	Detail	Optional (Must 0.50)				
	Usage:		(Dependent)				
	Max Use:	1	(Dependent)				
	Purpose:	To speci	fy pertinent dates and times				
Svn	tax Notes:		east one of DTM02 DTM03 or DTM05 is required.				
~ 5			TM04 is present, then DTM03 is required.				
			ther DTM05 or DTM06 is present, then the other is required.				
Seman	tic Notes:						
	Notes:	Utility R	equest: Conditional				
			esponse: Not Used				
		ESCO R	equest: Not Used				
		<u>Utility</u> R	esponses: Not UsedApplicable				
		May be s	sent by the Utility only when an enrollment request for the cus	stomer is pending.			
		DTM~15	50~20060313				
		.	Data Element Summary				
	Ref.	Data		A / / • 1 /			
N7 1	Des.	Element	Name Note that the second	Attributes			
Mand.	DTM01	374	Date/Time Qualifier	M ID 3/3			
		252	150 Service Period Start	V DT 0/0			
Must Use	DTM02	373	Date The data in the form CCVVMMDD, when the ESCO will be	X DT 8/8			
			The date, in the form CCYYMMDD, when the ESCO will b				
			enrolling customer. The Utility determines the effective star enrollment. This segment will be sent by the Utility when the				
			the assigned service start date returned on an Enrollment Ac				
			the assigned service start date returned on an Elifonment Ac	cept Response.			

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101 014 Chu	iige (necount	ivianice and a	,					
	Segment:	DTN	Date/Time Reference (Assigned Service End Date)					
	Position:	040						
	Loop:	LIN	Optional (Must Use)					
	Level:	Detail						
	Usage:		(Dependent)					
	Max Use:	1						
	Purpose:	To specif	fy pertinent dates and times					
Svn	tax Notes:		east one of DTM02 DTM03 or DTM05 is required.					
			TM04 is present, then DTM03 is required.					
			ther DTM05 or DTM06 is present, then the other is required.					
Semar	ntic Notes:							
000000	Notes:	Utility R	equest: Conditional					
		ESCO R	1					
			1					
		ESCO R	esponses: Not Used					
			esponse: Not Applicable					
		This seg	nent is sent by the Utility when a Drop is pending for the customer and the					
			service end date will vary by more than three days from the date indicated in the					
		-	g Drop transaction.					
		I						
		DTM~15	51~20060313					
			Data Element Summary					
	Ref.	Data	Data Element Summary					
	Des.	<u>Element</u>	Name <u>Attributes</u>					
Mand.	<u>DES.</u> DTM01	<u>374</u>	Date/Time Qualifier M ID 3/3					
	DIMOI	374	151 Service Period End					
Must Use	DTM02	373	Date X DT 8/8					
Must Ose	DIMUZ	575	The date, in form CCYYMMDD, when the customer's service with the enrolled					
			ESCO will end. The Utility will provide the effective end date.					
			is cowin end. The other win provide the effective end dute.					

NY 814 Chai	nge (Account	Maintenance)		
	Segment:	DTN	Date/Time Refe	rence (ICAP Effective Dates)	
	Position:	040		Tence (TeAr Encenve Dates)	
	Loop:		Optional		
	Loop. Level:	Detail	Optional		
	Usage:	Optional			
	Max Use:	>1			
	Purpose:		y pertinent dates and	times	
Syn	tax Notes:			TM03 or DTM05 is required.	
v				n DTM03 is required.	
		3 If eit	her DTM05 or DTM	06 is present, then the other is required.	
Semar	ntic Notes:				
C	comments:				
	Notes:	Utility R			
		Utility <u>E</u>	SCO Response: Not I	Used	
		ESCO Re	-		
		ESCO-U	tility Response: N	ot <u>UsedApplicable</u>	
			1		
			ric customers, The th	e ICAP tag effective dates should be sent	with ICAP Tag
		changes.			
		DTM~A	B2~~~RD8~201505	501-20160430	
		_	Data E	Element Summary	
	Ref.	Data			. .
	Des.	Element			Attributes
Mand.	DTM01	374	Date/Time Qualifi		M ID 3/3
			AB2	Time Period	
				ICAP Tag Effective Dates	
Must Use	DTM05	1250	Date Time Period	Format Qualifier	X ID 2/3
			RD8	Range of Dates Expressed in Format Co	CYYMMDD-
				CCYYMMDD	
Must Use	DTM06	1251	Date Time Period		X AN 1/35
			Period expressed in	the format CCYYMMDD-CCYYMMDI	D

1

Segment: Position:		ary Amount (ESCO Bud	lget Plan Installment Am	iount)	
Loop:	060 LIN Optional (Must Use)				
Level:	Detail				
Usage: Max Use:	Optional (Depender	nt)			
Purpose:	To indicate the total	monetary amount			
Syntax Notes:		-			
Semantic Notes: Notes:	ESCO Request:	Conditional			
10005.	Utility Response:	Not Used			
	Utility Request:	Not Used			
	ESCO Response:	Not Used Applicable			
	installment amount billing. Where requi	t by an ESCO to request a when the customer's bill o ired by a utility, this segme ily installment associated y	ption is Utility Rate Ready ent must be sent to the util	y consolidated ity to effect a	
	The REF*TD segme this change.	ent at the account level sho	ould contain the code AM	TB5 to designate	
	AMT~B5~100 AMT~B5~20				
		Data Element Summa	arv		
Ref.	Data				
<u>Des.</u> Mand. AMT01	Element Name	Qualifier Code		<u>Attributes</u> M ID 1/3	
Manu. AMITUI	522 Amount B5	Budgeted		M ID 1/3	
			Plan Installment Amount		
		The amount in	AMT02 is the budget pla	n installment	
		amount the cus	stomer is expected to pay ered by the customer's buc	each month for	
Mand. AMT02		y Amount		M R 1/18	
	preceded whole nu	ent is a real number. Real by a minus sign. In this ir mbers and will always be p r real number elements.	nstance, budget installmen	t amounts are	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	AMT Monetary Amount (Tax Exemption Percent) 060 LIN Optional (Must Use) Detail Optional (Dependent) 1 To indicate the total monetary amount
Notes:	Utility Request: Not Used ESCO Response: Not Applicable
	ESCO Request: Conditional Utility Request<u>Response</u>: Not Used Responses: Not Used
	This segment must be sent by the ESCO when there is a change in the tax exemption status of the account and the Utility is the bill calculator, unless in its Utility Maintained EDI Guide a utility provides another means to implement the customer's sales tax exemption.
	This segment is not applicable to the ESCO Combined Billing.
	AMT~DP~1 AMT~DP~.75
	Data Element Summary
Ref.	Data
<u>Des.</u> Mand. AMT01	ElementNameAttributes522Amount Qualifier CodeMID 1/3
Manu, AMIUI	DP Exemption
	Tax Exempt Percent: This code is used when some or all of the ESCO's service is exempt from state sales tax. See AMT02 for valid values.
Mand. AMT02	782 Monetary Amount M R 1/18
	For percentage values, the whole number "1" represents 100 percent or the ESCO service is fully tax exempt from state sales taxes. Decimal numbers less than "1" represent percentages; "0" indicates the account is NOT exempt from state sales taxes.

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N1 014 Ch	ange (Account				
	Segment:	AM	Г Monetary Amount (ESCO Commodit	v Price)	
	-		Wonctary Amount (ESCO Commount)	y Thee)	
	Position:	060			
	Loop:	LIN	Optional (Must Use)		
	Level:	Detail			
	Usage:	Optional	(Dependent)		
	Max Use:				
	Purpose:	To indic	te the total monetary amount		
	ntax Notes:				
Sema	ntic Notes:				
	Notes:			nditional	
		ESCO R	sponse: Not Applicable		
		· · · · · ·	equest: Not Used		
			quest: Conditional		
		Utility R	sponse: Optional		
			nent must be sent by the ESCO to report a cl		
		bill optio	n is Utility Rate Ready consolidated billing	and the ESCO charges are being	
		calculate	l based on a fixed price for all billed consun	nption on the account. The price	
		change r	ay be echoed back on the Utility Response t	transaction, at the option of the	
		Utility, t	confirm price changes.		
		This seg	nent may be accompanied by a DTM*007 se	egment to communicate the effective	;
		date of t	e price change when the applicable Utility h	as agreed to process price changes	
			other than the regularly scheduled bill cycle		
		AMT~R	~.015		
		AMT~R	~.05		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name	<u>Attributes</u>	
Mand.	AMT01	522	Amount Qualifier Code	M ID 1/3	
			RJ Rate Amount		
			ESCO rate for the cus	stomer expressed as a monetary	
			amount.		
Mand.	AMT02	782	Monetary Amount	M R 1/18	
			Contains the unit price for each unit of mea	asure for this customer.	
			The ESCO will be required to provide rate	codes, in lieu of prices, when	
			different prices will be applied to each met	er on a multi-metered account or the	
			ESCO price will vary by either the unit of 1		
			or the time of day interval for individual se		

	Segment:	AMT Monetary Amount (ESCO Fixed Charge)
	Position:	060
	Loop:	LIN Optional (Must Use)
	Level: Usage:	Detail Optional (Dependent)
	Max Use:	1
	Purpose:	To indicate the total monetary amount
	ntax Notes:	
Sema	ntic Notes:	IT:::: Dominant. Not I'm J
	Notes:	Utility Request: Not Used ESCO Response: Not Applicable
		Loco Response. Not Applicable
		ESCO Request: Conditional
		Utility Response: Not Used
		This segment must be sent by the ESCO to report a change in the fixed charge per
		account when the bill option is Utility Rate Ready consolidated billing and the ESCO
		charges include a fixed charge on each account.
		This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in fixed charge when the applicable Utility has agreed to process price
		changes on a date other than the regularly scheduled bill cycle date.
		AMT~FW~2.00
		Data Element Summary
	Ref.	Data
	Des.	Element Name <u>Attributes</u>
Mand.	AMT01	522 Amount Qualifier Code M ID 1/3 FW Flat Fee Paid Current Month
		ESCO fixed charge expressed as a monetary amount.
Mand.	AMT02	782 Monetary Amount M R 1/18
		The fixed charge for this customer. Values must reflect two decimal places.

1

Segment:	AIVII Moneta	ry Amount(Customer's Tax Rate for ESCO Charges -1)
Position:	060	
Loop:	LIN Optional (M	Iust Use)
Level:	Detail	
Usage:	Optional (Dependent)
Max Use:	1	
Purpose:	To indicate the total	monetary amount
Syntax Notes: Semantic Notes:		
Notes:	ESCO Request:	ConditionalUtility Request: Not Used
	ESCO Response:	Not Applicable
	Utility Request:	Not Used
	ESCO Request:	Conditional

Utility Response: Optional

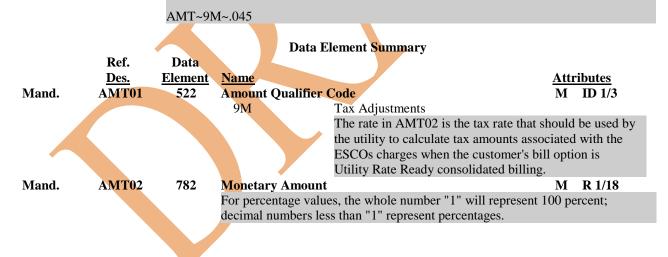
Utility Rate Ready Consolidated Billing Only.

In its Utility Maintained EDI Guide, the utility will indicate if it supports the AMT*9M segment and if so, whether and how it is supported in conjunction with the AMT*9N and REF*RP segments.

Where supported:

- This segment is sent by an ESCO to report a change in the customer's tax rate for all service on the account or for the portion of the service taxed at a residential rate when a REF*RP segment was present in the Enrollment Request transaction.
- This segment is sent by an ESCO to report a change in the composite tax rate to compute the applicable tax amount associated with the ESCO charges.

The tax rate change may be echoed back on the Utility Accept Response transaction, at the option of the Utility, to confirm a tax rate change.



Segment:	AIVI I Monetary Amount(Customer's Tax Rate for ESCO Charges	-2)
Position:	060	
Loop:	LIN Optional (Must Use)	
Level:	Detail	
Usage:	Optional (Dependent)	
Max Use:	1	
Purpose:	To indicate the total monetary amount	
Syntax Notes:		
Semantic Notes:		
Notes:	Utility Request: Not Used ESCO Request: Conditional	
	ESCO Response: Not Applicable	
	Utility Request: Not Used	
	ESCO Request: Conditional	
	Utility Response: Optional	

Utility Rate Ready Consolidated Billing Only.

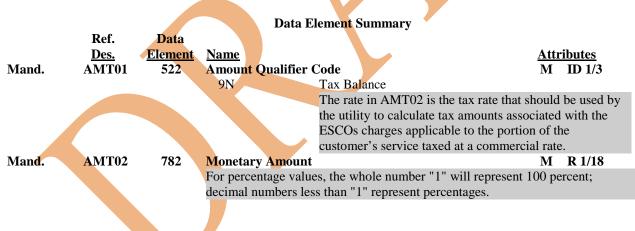
In its Utility Maintained EDI Guide, the utility will indicate if it supports the AMT*9N segment and if so, whether and how it is supported in conjunction with the AMT*9M and **REF*RP** segments.

Where supported:

- This segment is sent by an ESCO to report a change in the customer's tax rate for that portion of the customer's service that is being taxed at a commercial rate when a REF*RP segment was present in the Enrollment Request transaction.
- This segment is sent by an ESCO to report a change in the composite tax rate to compute the applicable tax amount associated with the ESCO charges.

The tax rate change may be echoed back on the Utility Accept Response transaction, at the option of the Utility, to confirm a tax rate change.

AMT~9N~.075



			, T				
	Segment:		M one	etary Amou	unt (ICAP)		
	Position:	060					
	Loop:		Optional	(Must Use)			
	Level:	Detail	~ .				
	Usage:	-	(Depende	ent)			
	Max Use:	>1 Tuintin		1			
S	Purpose:	I o indica	ite the tota	al monetary	amount		
	ntax Notes: antic Notes:						
	Comments:						
	Notes:	Utility Re	equest:	Conditiona	1		•
	1.00000		1	Not Used	-		
		ESCO Re	-	Not Used	11		
		Utility Re	esponse:	Not Applie	cable		
			ion for El			port a change in the cu tag effective dates sho	ustomer's peak load ould be provided with
		AMT03 i	is a genera	al indicator	; i.e. it is not ti	ed to any specific pro	gram
		AMT~K DTM~A		D8~20140:	501-20150430		
			Z~0.15~C B2~~~R		501-20150430		
				Data I	Element Sumn	norv	
	Ref.	Data		Data I	Sement Summ	haly	
	Des.	<u>Element</u>	Name				Attributes
Mand.	AMT01	522		Qualifier	Code		M ID 1/3
			КZ			ction Requests - Writ	ten
					ICAP Tag	1	
Mand.	AMT02	782	Moneta	ry Amount	0		M R 1/18
						number "1" represents	s 100 percent; decimal
			-	0		ercentages from 1 per	· ·
	AMT03	478		Debit Flag		<i>6 1</i>	ID 1/1
			С		Credit		
					Yes, there is	a Special Program Ad	diustment Indicator
						ICAP Tag. For exam	
					adjustment h	as been applied.	
			D		Debit		
					No, there is r related to the	no Special Program A E ICAP Tag.	djustment Indicator

	Segment:	AM	T Monetary Amount (ESCO Pricing Adjustment Credit)	
	Position:	060		
	Loop:	LIN	Optional (Must Use)	
	Level: Usage:	Detail Optional	(Dependent)	
	Max Use:	1	(Dependent)	
~	Purpose:	To indica	te the total monetary amount	
	ntax Notes: ntic Notes:			
Seina	Notes:	Utility R	equest: Not Used	
		ESCO R	esponse: Not Applicable	
		ESCO R	equest: Conditional	
		Utility R	•	
		Utility R	equest: Not Used	
		· · · · · · · · · · · · · · · · · · ·	esponse: Not Used	
		T1 ·		
			ent must be sent by the ESCO when a Guaranteed Savings Program (Assistance Program Participant, is to be included on a Rate Ready Con	
		bill. This	segment would only be sent when the ESCO has charged the custome	r more than what
			would have and the ESCO is required to provide a credit to the custor hoed back on the Utility Accept Response transaction, at the option o	
		confirm th	e one-time credit amount. Note that GSP Credits were formerly know	
		Credits.	GSP Credits are a type of ESCO Pricing Adjustment.	
			lly, at utilities providing Bill Ready Consolidated customer bills, in c uing the credit is no longer serving the customer (and therefore no mo	
			for that ESCO), unless the Utility has specified a non-EDI process in	
		Maintaine	d EDI Guide, this segment should be used by the ESCO.	
			will use this segment to apply a one-time credit to the customer's bil	
			ed in the 810 issued by a rate ready utility that is sent to the ESCO for was applied. This credit, when received via the AMT*7 segment, wil	
	•	820 issue	by a rate ready utility, or by a bill ready utility if the ESCO is no lon	
		customer,	for the period where the credit was applied.	
			Change must be sent to the utility at least 4 business days prior to the s	
			ler to be included in the rate ready calculation for that bill period. In not sent in time, the utility may hold the transaction for the next billing	
			ge. If utility cannot issue a bill to the customer because the account is the 814 Change and the ESCO is responsible for directly reimbursing	
		will reject	the 814 Change and the ESCO is responsible for theory reinburship	g the customer.
		AMT~7·	2.15	
			Data Element Summary	
	Ref.	Data		
Mand.	Des. AMT01	Element 522	Name Amount Qualifier Code	<u>Attributes</u> M ID 1/3
manu.	ANIIVI	522	7 Discount Amount Due	
		-	ESCO GSP Credit	N. D. 4/40
Mand.	AMT02	782	Monetary Amount This element is a real number. Real numbers are assumed to be pos	M R 1/18 itive unless
			preceded by a minus sign. See Front Matter notes regarding syntax	for real number
			elements. A GSP Credit shown as a negative amount. Adjustments Credits are shown as positive amounts. For example, if the customer	
			\$2.15, the ESCO would send AMT~7~-2.15. If an ESCO intends to	adjust a previously
			issued GSP Credit to reflect a smaller net credit, it would send AMT example.	~/~1.08, for

NY 814 Change (Account N					
Segment:	AMT Moneta	rry Amount (ESCO Generic Credit)			
Position:	060				
Loop:		(Must Use)			
Level:	Detail				
Usage:	Optional (Depende	ent)			
Max Use:	1	,			
Purpose:	To indicate the tota	al monetary amount			
Syntax Notes:					
Semantic Notes:					
Notes:	Utility Request:	Not Used			
	ESCO Response:	Not Applicable			
	ESCO Request:	Conditional			
	Utility Response:	Optional			
	TTUIL D	NY			
	Utility Request:	-Not Used			
	ESCO Response:	- Not Used			
	In its Utility Maint	ained EDI Guide, a utility will indicate if it accepts	a conorio oradita to		
	•	mer bills. In such cases, this segment is sent by the	0		
		generic credit to be included on a Rate Ready Cons			
		nay be echoed back on the Utility Accept Response			
		y, to confirm the one-time credit amount.	e transaction, at the		
	option of the clinit				
	The utility will use	this segment to apply a one-time credit to the cust	omer's bill. This		
		cted in the 810 issued by a rate ready utility that is			
	for the period where the credit was applied.				
	The 814 Change must be sent to the utility at least 4 business days prior to the scheduled				
		order to be included in the rate ready calculation for			
		Change is not sent in time, the utility may hold the			
		or reject the 814 Change. If utility cannot issue a bi			
		at is inactive, the Utility will reject the 814 Change	and the ESCO is		
	responsible for dire	ectly providing the credit to the customer.			
	AMT~UJ~-2.15				
	Alvi 1 ~ 0 J ~ 2.15				
		Data Element Summary			
Ref.	Data				
Des.	Element Name		<u>Attributes</u>		
Mand. AMT01		Qualifier Code	M ID 1/3		
	UJ	Other Credits			
		ESCO Generic Credit			
Mand. AMT02	782 Monetar	ry Amount	M R 1/18		
		nent is a real number. Real numbers are assumed			
	-	by a minus sign. See Front Matter notes regardin	c .		
		elements. A generic credit is shown as a negative a			
		ents to reduce prior generic credits are shown as p			
		, if the customer is owed a credit of \$2.15, the ESC			
		J~-2.15. If an ESCO intends to adjust a previously			
	credit to	reflect a smaller net credit, it would send AMT~U	J~1.08, for example.		

I

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Notes:	AMT Monetary Amount (Basic HEAP Payment Amount Received) 060 LIN Optional (Must Use) Detail Optional (Dependent) 1 To indicate the total monetary amount ESCO Request: Conditional Utility Request: Not Used
	ESCO Responses: Not Used Applicable
	ESCO Request: Conditional Utility Response: Not Used
	This segment must be sent by the ESCO billing customers under ESCO Combined Billing when the ESCO receives a Basic (Initial) HEAP Payment.
	AMT~B1~121.5
Ref.	Data Element Summary Data
<u>Des.</u> Mand. AMT01	ElementNameAttributes522Amount Qualifier CodeMID 1/3B1Benefit AmountID 1/3
Mand. AMT02	B1 Benefit Amount Basic (Initial) HEAP Payment M R 1/18

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Notes:	AMT Monetary Amount (Emergency HEAP Payment Amount Received) 060 LIN Optional (Must Use) Detail Optional (Dependent) 1 To indicate the total monetary amount ESCO Request: Conditional Utility Request: Not Used ESCO Responses: Not Used <u>Applicable</u> ESCO Request: Conditional
	ESCO Request: Conditional Utility Response: Not Used
	This segment must be sent by the ESCO billing customers under ESCO Combined Billing when the ESCO receives an Emergency (Supplemental) HEAP Payment.
	AMT~BK~121.5
Ref. <u>Des.</u> Mand. AMT01	Data Attributes Element Name 522 Amount Qualifier Code DV Dial
Mand. AMT02	BKDisbursements for Protection and Preservation Emergency (Supplemental) HEAP Payment782Monetary AmountMR 1/18

Segment:	NM1 Metered or Un-	-Metered Service Points	
Position:	080		
Loop: Level:	NM1 Optional (Depended Detail	ent)	
Usage:	Optional (Dependent)		
Max Use:	1 To supply the full name of a	n individual or organizational antity	
Purpose: Syntax Notes:		n individual or organizational entity 109 is present, then the other is required.	
	2 If NM111 is present, the	en NM110 is required.	
Semantic Notes: Notes:	1 NM102 qualifies NM10 Utility Request: Condition		
notes.	ESCO Response: Optional		
	ESCO Request: Condition Utility Response: Optional		
		municate changes at the meter or service end point level.	
		ge requests should be grouped by meter in individual LII s pertaining to the same meter may be sent in one LIN Lo	
	(refer to examples in this imp		1
	'MA' is used for a meter addi	ition	
		to existing meter data are being sent.	
	'MX' is used for a meter excl		
	MR' is used when a meter ha	as been removed but the account will remain active.	
		han a Change, will be sent when a meter removal is done	
	coincident with an account te	ermination.	
	NM1~MA~3~~~~32~A1	234567 Meter addition (new meter number supplied)	
	NM1~MQ~3~~~~32~A12	234567 Change in existing meter or service end point d	lata
	(when a meter number is bei	ing corrected, the corrected meter number is supplied)	
	· ·	234567 Meter removal (removed meter number is supp	lied
	or the word "Un-metered")		
	NM1~MX~3~~~~32~A12	234567 Meter exchange (new meter number supplied -	old
	meter number sent in a REF ³	*46)	
	Data	Element Summary	
Ref.	Data	-	
<u>Des.</u> Mand. NM101	ElementName98Entity Identifier	Code Attributes M ID 2/3	
	MA	Party for whom Item is Ultimately Intended	
		Indicates a Meter Addition. Used when an additional	1
		meter is added to a multi-metered account or un- metered account or, when a new meter is added to an	
		active account whose old meter had been recently	
		removed (see the MR code).	
	MQ	Metering Location Indicates that this NM1 loop contains a change to	
		delivery point or meter related information unrelated	to
		a meter addition, removal, or exchange. Used when a	
		meter service attribute is changed or when erroneous meter numbers are corrected (for corrections, the	
		NM1*MQ is used in conjunction with the REF*46	
		segment, which is used to send the incorrect meter	
	MR	number). Medical Insurance Carrier	

IN I 014 Char	ige (Account N	viaimenance	e)		
	- '			Indicates a Meter Removal. This code is used when:	
				one or more meters are removed from a multi-metered	
				account; an account with a single meter is changed to	
				UNMETERED or; a meter has been removed	
				temporarily but the account remains active and another	
				meter is added.	
			MX	Juvenile Witness	
				Indicates a Meter Exchange. This code value in this	
				segment will be used in conjunction with a REF*46	
				segment, which will contain the old meter number,	
				when there has been a meter exchange. This would	
				include instances in which a meter is added to a	
				previously un-metered account.	
Mand.	NM102	1065	Entity Type Qua		
	111110	1000	3	Unknown	
				NM102 is an X12 required element.	
Must Use	NM108	66	Identification C		
			32	Assigned by Property Operator	
			-	Use when NM109 contains a meter number.	
			93	Code assigned by the organization originating the	
				transaction set	
				Use when NM109 is not a meter number.	
Must Use	NM109	67	Identification C		
				NM109 will contain the Utility meter number (in conformance	
			with the conditions described above).		
				, ,	
			If NM108 = 93: I	NM109 will contain the literal "UNMETERED" (for	
				nts) OR the literal "ALL" (used when changes apply to all	
				-metered account).	

EF Reference Identification (Reason for Change - Meter Level) Optional (Dependent) onal (Dependent) pecify identifying information At least one of REF02 or REF03 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. REF04 contains data relating to the value cited in REF02. ty Request: Conditional
OResponse: Optional ORequest: Conditional ty Response: Optional REF segment is required to identify the data segment that is being changed when ty ges in data segment(s) sent at the meter level are bring reported. W-TD-REFNH
Data Element Summary ta <u>Attributes</u> 8 Reference Identification Qualifier M ID 2/3
TDReason for Change7Reference IdentificationX AN 1/30NM1MQChange Metering LocationUse this code when indicating a change in the attributes of an existing meter(s) or un-metered service end points including corrections to meter number(s) previously sentNM1MRMeter removalNM1MXMeter exchangeNM1MAMeter additionREFLOChange Load ProfileUse this code to report a change in the Utility's Load Profile Group CodeREFMTChange Meter TypeUse this code to report changes in measurement type and/or reporting intervalsREFNHChange Utility Rate Service Class REFRBREFRBChange Utility Rate Sub Class REFTUREFTUChange Use Time of Day

IN I 614 Chai	lige (Account		
	Segment:	REF Reference Identification (Old Meter Number)	
	Position:	130	
	Loop:	NM1 Optional (Dependent)	
	Level:	Detail	
	Usage:	Optional (Dependent)	
	Max Use:	1	
	Purpose:	To specify identifying information	
Syn	tax Notes:	1 At least one of REF02 or REF03 is required.	
v		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.	
Semar	ntic Notes:	1 REF04 contains data relating to the value cited in REF02.	
	Notes:	Utility Request: Conditional	
		ESCO Response: Not Used	
		•	
		ESCO Request: Not Used	
		Utility Response: Not Applicable	
		This segment is used when a meter exchange (MX) is being reported. In this s	situation,
		the new meter number is sent in the NM1 segment and the old meter number i	s sent in
		this REF segment. This segment is also used when a corrected meter number	is being
		communicated.	
		REF~46~123456789	
		REF~46~UNMETERED	
	D 4	Data Element Summary	
	Ref.	Data	
Mand	Des.	Element Name Attril	
Mand.	REF01	128 Reference Identification Qualifier M 46 Old Meter Number	ID 2/3
		Identifies meters being removed	
Must Use	REF02		AN 1/30
Winst Use	KEFU2	Old meter number.	AIN 1/30
		old meter number.	

101 014 Cila	inge (i rees uni			
	Segment:	REF	Reference Identification (Utility Rate Service Class)	
	Position:	130		
		130 NM1	Ontional (Dependent)	
	Loop: Level:	Detail	Optional (Dependent)	
	Usage:	. *	(Dependent)	
	Max Use:	1		
a	Purpose:		fy identifying information	
Syn	tax Notes:		east one of REF02 or REF03 is required.	
			ther C04003 or C04004 is present, then the other is required.	
			ther C04005 or C04006 is present, then the other is required.	
Semai	ntic Notes:		04 contains data relating to the value cited in REF02.	
	Notes:	Utility R		
		ESCO R	esponse: Not Used	
		ESCO R	equest: Not Used	
		Utility R		
		•		
		This seg	nent is sent by the Utility to report a change in the customer's	service class
		designati		
		8		
		REF~NF	I~1B	
		REF~NF		
			1 /51	*
			Data Element Summary	
	Ref.	Data	Data Element Summary	
			Nama	Attributos
Mond	Des.	Element	Name Reference Identification Qualifier	<u>Attributes</u> M ID 2/3
Mand.	REF01	128	Reference Identification Qualifier NH Rate Card Number	M ID 2/3
				and a that
			REF02 contains the Utility specific rate	
			references the service class and rates ap	oplicable to this
		10-	service delivery point.	TL + NL + /0.0
Must Use	REF02	127	Reference Identification	X AN 1/30
			Utility Rate code as found in the tariff. (This code can be use	ed to retrieve rates
			from a utility's web site.)	

NY 814 Char	ige (Account	Maintenance	
	Segment:	REF	Reference Identification (Utility Rate Sub Class)
	Position:	130	
	Loop:	NM1	Optional (Dependent)
	Level:	Detail	optional (Dependent)
	Usage:		(Dependent)
	Max Use:	1	(Dependent)
	Purpose:	-	fy identifying information
Synt	tax Notes:		east one of REF02 or REF03 is required.
Syn	tax notes.		her C04003 or C04004 is present, then the other is required.
			her C04005 or C04006 is present, then the other is required.
Soman	ntic Notes:		04 contains data relating to the value cited in REF02.
Seman	Notes:	Utility Re	
	notes.	ESCO Re	1
		LSCO R	sponse. Not osed
		ESCO Re	equest: Not Used
		Utility Re	
			esponse: Not Applicable
		REF~PR	0151
			~NRSVD
		КЕГ~ГК	
			Data Element Summary
	Ref.	Data	Data Element Summary
			Nome
Mand.	<u>Des.</u> REF01	Element 128	NameAttributesReference Identification QualifierM ID 2/3
	KLIUI	120	PR Price Quote Number
			Utility Rate Subclass - Used to provide further
			classification of a rate.
March Ilao	DEE03	107	
Must Use	REF02	127	
			Provides further clarification of a tariff specified in the REF where
			REF01=NH.

111 014 Cila	inge (needunt	Wantenance							
	Segment:	REF	Reference Identification (Utility Load Profile Group Code)						
	Position:	130							
	Loop:	NM1	Optional (Dependent)						
	Level:	Detail							
	Usage:	Optional (Dependent)							
	Max Use:								
	Purpose:	-	fy identifying information						
Svn	ntax Notes:		east one of REF02 or REF03 is required.						
			ther C04003 or C04004 is present, then the other is required.						
			ther C04005 or C04006 is present, then the other is required.						
Sema	ntic Notes:		04 contains data relating to the value cited in REF02.						
	Notes:	Utility R							
		ESCO R	1						
		ESCO R	equest: Not Used						
		Utility R							
		REF~LO	P~L01						
			Data Element Summary						
	Ref.	Data							
	Des.	Element	<u>Name</u> <u>Attributes</u>						
Mand.	REF01	128	Reference Identification Qualifier M ID 2/3						
			LO Load Planning Number						
			REF02 is the Utility assigned electric load profile code.						
Must Use	REF02	127	Reference Identification X AN 1/30						
			Utility assigned load profile code. Load profile code definitions are provided						
			on the Utility web site.						
			7						

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:	Utility Request: Conditional						
	ESCO Response: Not Used						
	ESCO Request: Not Used						
	Utility Response: Not Applicable						
	This segment is sent to describe the measurement types and reporting intervals associated						
	with the service delivery point(s) identified in the NM109 segment when a meter addition						
	(NM01='MA'), a meter exchange (NM01='MX') or a change in existing meter data						
	(NM01='MQ') is being reported. In some instances, a REF*TU segment may be required						
	in conjunction with the REF*MT to adequately describe the consumption and reporting						
	intervals for specific service end points.						
	REF~MT~KHMON						
	REF~MT~COMBO						
	REF~MT~TDMON						
	REF~MT~KH030						
	Data Element Survey						
	Data Element Summary						
Dof	Data						
Ref.	Data Floment Name						
Des.	Element Name Attributes						
	ElementNameAttributes128ReferenceIdentificationQualifierMID 2/3						
Des.	ElementNameAttributes128ReferenceIdentification QualifierMID 2/3MTMeter Ticket NumberMID 2/3						
Des.	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. M						
Des.	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a						
Des.	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the						
Des.	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number ME Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to						
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account.						
Des.	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Weter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30						
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in						
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of						
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in						
<u>Des.</u> Mand. REF01	Element Name Reference Attributes Identification Qualifier Attributes M 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of consumption. The last three characters describe the reporting interval.						
<u>Des.</u> Mand. REF01	Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of						
<u>Des.</u> Mand. REF01	Element 128 Name Reference M Attributes M Attributes M 128 Reference M Identification Qualifier M M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of consumption. The last three characters describe the reporting interval. The literal "COMBO" is sent in the REF02 when the service delivery point(s)						
<u>Des.</u> Mand. REF01	Element 128 Name Reference M Attributes M Attributes M 128 Meference M Identification Qualifier M M ID 2/3 MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of consumption. The last three characters describe the reporting interval. The literal "COMBO" is sent in the REF02 when the service delivery point(s) identified in the NM109 is capable of providing different measurement types						
<u>Des.</u> Mand. REF01	Element 128 Name Reference Identification Qualifier MT Attributes M Attributes M MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of consumption. The last three characters describe the reporting interval. The literal "COMBO" is sent in the REF02 when the service delivery point(s) identified in the NM109 is capable of providing different measurement types and/or providing measurements for more than one time period in a day. When the REF*MT segment contains "COMBO" OR usage is being measured in timed intervals (e.g. on peak), multiple REF*TU segments are used to provide						
<u>Des.</u> Mand. REF01	Element 128 Name Reference Identification Qualifier MT Attributes M Attributes M MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of consumption. The last three characters describe the reporting interval. The literal "COMBO" is sent in the REF02 when the service delivery point(s) identified in the NM109 is capable of providing different measurement types and/or providing measurements for more than one time period in a day. When the REF*MT segment contains "COMBO" OR usage is being measured in						
<u>Des.</u> Mand. REF01	Element 128 Name Reference Identification Qualifier MT Attributes M Attributes M MT Meter Ticket Number Meter type. Used to identify the type of consumption measured by a meter and the interval between measurements or the type of consumption and reporting interval applicable to the un-metered service delivery points on the account. 127 Reference Identification X AN 1/30 The type and reporting interval for consumption measurements are described in a five-character field. The first two characters are used to describe the type of consumption. The last three characters describe the reporting interval. The literal "COMBO" is sent in the REF02 when the service delivery point(s) identified in the NM109 is capable of providing different measurement types and/or providing measurements for more than one time period in a day. When the REF*MT segment contains "COMBO" OR usage is being measured in timed intervals (e.g. on peak), multiple REF*TU segments are used to provide						

When only one measurement type is applicable to the metered or un-metered service points identified in the NM109 element, the REF02 in this segment should contain one of the following codes as the first two characters to describe the type of consumption:

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 used in the last three characters of the REF02 to document the interval capabilities for the metered or un-metered service delivery point(s) identified in the NM109. If that capability is not known then the interval that should be reported is the scheduled meter reading interval.

BIM Bi-Monthly DAY Daily MON Monthly QTR Quarterly TOU Time of Use

001-999 - Reporting Intervals (e.g. 015 indicates 15 minute intervals, 060 indicates 60 minute intervals, etc.)

NY 814 Cha	0					
	Segment:	REF	Reference Id	dentification (Use Time of Day)		
	0	120	. Keiterentet it	dentification (ese Time of Day)		
	Position:	130		1		
	Loop:	NM1	Optional (Dep	pendent)		
	Level:	Detail				
	Usage:	-	(Dependent)			
	Max Use:	>1				
	Purpose:	To speci	fy identifying ir	nformation		
Syn	tax Notes:			F02 or REF03 is required.		
		2 If ei	ther C04003 or	C04004 is present, then the other is requ	ired.	
		3 If ei	ther C04005 or	C04006 is present, then the other is requ	ired.	
Semai	ntic Notes:	1 REF	F04 contains dat	ta relating to the value cited in REF02.		
	Notes:	Utility R	equest: Cond	ditional		
		ESCO R	esponse: Not	Used		
			•			
		ESCO R	equest: Not	Used		
				Applicable		
				11		
		This seg	ment is sent who	en there is a change in the manner in whi	ich usage w	ill be
		0		t due to a meter addition, a meter exchange	0	
				a AND the "COMBO" code was sent in the		
			measured in tim			i segment ort
		usuge is	measured in thi			
		RFF~TI	I~51~KHMON	} The service point identified in NM109	measures	vilowatt
				 in the service point identified in (Willog) i hours monthly for four time intervals: 		
				 F On Peak and Shoulder Peak. 	Total, Oli	r cak,
			J~42~KHMON			
		KEF~IU				
	Def			S Data Element Summary		
	Ref.	Data	Ε			-1.
	Des.	Data <u>Element</u>	L <u>Name</u>	Data Element Summary		ributes
Mand.		Data	E <u>Name</u> Reference Ide	Data Element Summary entification Qualifier		<u>ributes</u> ID 2/3
Mand.	Des.	Data <u>Element</u>	L <u>Name</u>	Data Element Summary Centification Qualifier Trial Location Code	Μ	ID 2/3
Mand.	Des.	Data <u>Element</u>	E <u>Name</u> Reference Ide	Data Element Summary Centification Qualifier Trial Location Code REF02 will contain a code that in	M ndicates the	ID 2/3
	Des. REF01	Data <u>Element</u> 128	I <u>Name</u> Reference Ide TU	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta	M ndicates the ined.	ID 2/3 time of day
Mand. Must Use	Des.	Data <u>Element</u>	E <u>Name</u> Reference Ide TU Reference Ide	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification	M ndicates the	ID 2/3
	Des. REF01	Data <u>Element</u> 128	E <u>Name</u> Reference Ide TU Reference Ide 41	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak	M ndicates the ined.	ID 2/3 time of day
	Des. REF01	Data <u>Element</u> 128	E <u>Name</u> Reference Ide TU Reference Ide 41 42	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak	M ndicates the ined.	ID 2/3 time of day
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak	M ndicates the ined.	ID 2/3 time of day
	Des. REF01	Data <u>Element</u> 128	E <u>Name</u> Reference Ide TU Reference Ide 41 42	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer	M ndicates the ined.	ID 2/3 time of day
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak	M ndicates the ined.	ID 2/3 time of day
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer	M ndicates the ined.	ID 2/3 time of day
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer	M ndicates the ined. X	ID 2/3 time of day AN 1/30
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when:	M ndicates the ined. X ne indicated	ID 2/3 time of day AN 1/30 type for all
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter independent	M ndicates the ined. X ne indicated licated in th	ID 2/3 time of day AN 1/30 type for all e NM1
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of the	M ndicates the ined. X ne indicated licated in th 67 transaction	ID 2/3 time of day AN 1/30 type for all e NM1 on. For
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter ind segment will be reported in the 8 example, if only the total usage for	M ndicates the ined. X ne indicated licated in th 67 transaction or a metered	ID 2/3 time of day AN 1/30 type for all e NM1 on. For d service
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter ind segment will be reported in the 8 example, if only the total usage for point will be sent in the 867, the lagent	M adicates the ined. X he indicated licated in th 67 transaction or a metered REF*TU se	ID 2/3 time of day AN 1/30 type for all we NM1 on. For d service gment
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that ir for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter indo segment will be reported in the 86 example, if only the total usage for point will be sent in the 867, the 12 should contain "51". When constri-	M ndicates the ined. X ne indicated licated in th 67 transaction or a metered REF*TU se umption will	ID 2/3 time of day AN 1/30 type for all the NM1 on. For the service gment ll be
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter indo segment will be reported in the 86 example, if only the total usage for point will be sent in the 867, the I should contain "51". When consu- reported by intervals on the 867 the	M ndicates the ined. X he indicated licated in th 67 transaction or a metered REF*TU se umption will ransaction,	ID 2/3 time of day AN 1/30 type for all the NM1 on. For the service gment ll be for
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	 Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter indesegment will be reported in the 86 example, if only the total usage for point will be sent in the 867, the I should contain "51". When consureported by intervals on the 867 the example, off peak, on peak, and 	M ndicates the ined. X he indicated licated in th 67 transaction or a metered REF*TU se umption will ransaction, total then m	ID 2/3 time of day AN 1/30 type for all e NM1 on. For d service gment ll be for nultiple
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter ind segment will be reported in the 8 example, if only the total usage fa point will be sent in the 867, the 1 should contain "51". When consist reported by intervals on the 867 th example, off peak, on peak, and REF*TU segments must be preset	M adicates the ined. X he indicated dicated in th 67 transaction or a metered REF*TU se umption will ransaction, total then metered	ID 2/3 time of day AN 1/30 type for all e NM1 on. For d service gment ll be for nultiple es of
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter ind segment will be reported in the 8 example, if only the total usage for point will be sent in the 867, the 1 should contain "51". When consumption of the reported by intervals on the 867 the should contain "51". When consumption of the should contain "51". When consumption of the should contain "51". The total usage for point will be sent in the 867, the 1 should contain "51". The consumption of the applic "add REF*TU segments must be presee "41", "42" and "51" for the applic	M adicates the ined. X he indicated dicated in th 67 transaction or a metered REF*TU se umption will ransaction, total then metered	ID 2/3 time of day AN 1/30 type for all e NM1 on. For d service gment ll be for nultiple es of
	Des. REF01	Data <u>Element</u> 128	E Name Reference Ide TU Reference Ide 41 42 43	Data Element Summary entification Qualifier Trial Location Code REF02 will contain a code that in for which measurements are obta entification Off Peak On Peak Intermediate Peak Total/Totalizer Use "51" when: The total of all consumption of th periods recorded by the meter ind segment will be reported in the 8 example, if only the total usage fa point will be sent in the 867, the 1 should contain "51". When consist reported by intervals on the 867 th example, off peak, on peak, and REF*TU segments must be preset	M adicates the ined. X he indicated dicated in th 67 transaction or a metered REF*TU se umption will ransaction, total then metered	ID 2/3 time of day AN 1/30 type for all e NM1 on. For d service gment ll be for nultiple es of

The REF03 element is used to associate the time of day intervals in REF02 with the measurement type and meter cycle frequency for the meter(s) indicated in the NM109 element.

For example, if a specific meter provides both kilowatt hours and demand measurements for peak and off peak intervals for a monthly reading period, multiple REF*TU segments would be sent as follows:

REF~TU~41~KHMON REF~TU~42~KHMON REF~TU~41~K1MON REF~TU~42~K1MON

Valid values for REF03 for consumption types:

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)

Valid values for metering periods to be reported on an 867:

BIM Bi-Monthly DAY Daily MON Monthly QTR Quarterly TOU Time of Use

001-999 is used to report the number of minutes in an interval for an interval meter.

Synt	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: tic Notes: Notes:	 REF Reference Identification (ESCO Rate Code) 130 NM1 Optional (Dependent) Detail Optional (Dependent) 1 To specify identifying information 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. 1 REF04 contains data relating to the value cited in REF02. Utility Request: Not Used ESCO Response: Not Applicable
		ESCO Request: Conditional Utility Response: Conditional
		This segment must be sent by the ESCO to report a change in the ESCO Rate Code when the bill option is Utility Rate Ready consolidated billing and the ESCO charges are being calculated based on a rate code table. This segment may be echoed back in Utility Accept Responses at the discretion of the utility. This segment may be accompanied by a DTM*007 segment to communicate the effective date of the change in Rate Code when the applicable Utility has agreed to process such changes on a date other than the regularly scheduled bill cycle date.
		REF~RB~R23X40 REF~RB~1150100
Mand.	Ref. <u>Des.</u> REF01	Data Element Summary Data Attributes Element Name Attributes 128 Reference Identification Qualifier M ID 2/3 RB Rate code number REF02 Contains the ESCO Rate Code that will indicate the prices to be applied to this service point.
Must Use	REF02	127 Reference Identification X AN 1/30 An alphanumeric rate code indicating a table of rates used to calculate net
		charges associated with this metering point.

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Notes:	SE Transaction Set Trailer 150 Detail Mandatory 1 To indicate the end of the transaction set and provide the count of the transmitted (including the beginning (ST) and ending (SE) segments) Utility Request: Conditional ESCO Response: Optional ESCO Request: Required Utility Response: Required	l segments
	SE~27~0001	
Ref. <u>Des.</u> Mand. SE01 Mand. SE02		<u>tes</u>) 1/10 N 4/9

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