

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

Segment: REF Reference Identification (Reason for Change - Account Level)
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: Request: Conditional
 Response: Optional

This segment is used to identify the data segment(s) sent at the account level that are being changed. See page 48 of this Implementation Guide for a description of the codes used to identify a change in the data segment(s) sent at the meter level.
 REF~TD~N18R

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier TD Reason for Change	M ID 2/3
Must Use	REF02	127	Reference Identification AMT7 Change Assistance Program Participation Credit Used to report a credit to the customer's account when the ESCO has charged an Assistance Program Participant more than what the customer would have paid the utility and the ESCO is required to provide a credit to the customer. The Utility will include this one-time credit on the customer's next bill.	X AN 1/30
			AMT9M Change Customers' Tax Rate 1 Utility Rate Ready Consolidated Billing Only. Used to report a change in the customer's tax rate when the utility is calculating ESCO charges. The 9M code may also be used to report a change in the residential tax rate applicable to a portion of the service (i.e. a REF*RP was present in the Enrollment transaction) when URR billing is in effect. The AMT9N code may be used to report a change in the portion of the account taxed at a commercial rate.	
			AMT9N Change Customers' Tax Rate 2 Utility Rate Ready Consolidated Billing Only. This code may only be used to report a change in the customer's tax rate applicable to the portion of the service taxed at a commercial rate in instances when part of the service is taxed at a residential rate and the balance at a commercial rate (i.e. REF*RP was present in the Enrollment transaction). The AMT9M code may be used to report a change in the residential tax rate on that account.	
			AMTB5 Change ESCO Budget Plan Installment Amount Supported only if indicated within a utility's Utility	

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

REFYP	GAS Service Only
	Change NYPA Discount Indicator

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

Segment: **PER** Administrative Communications Contact (Customer Phone Number)
Position: 080
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 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.

Semantic Notes:

Notes: Requests: Conditional
Responses: Not Used

This segment may be sent by the utility to provide the customer's telephone number, Facsimile Number and/or Email Address when this information was unavailable at the time an enrollment request was processed or to correct -such information previously sent in an Enrollment Accept Response transaction. This segment may be sent by an ESCO to provide the correct or missing information when the information provided in an Enrollment Response has been determined to be incorrect or absent. This segment is sent in an N1 (Customer) Loop and must be accompanied by an N1*8R segment.

The format for phone/facsimile numbers is area code + 7 digit number (xxxxyyzzzz).

If a change is made to this segment, the ~~PERIC-N18R~~ code is transmitted in the REF*TD segment at position 030.

In its Utility Maintained EDI Guide, a utility will indicate if it accepts and/or sends Change Requests containing the Customer's Telephone/Facsimile number and/or Email Address.

```
PER~IC~~TE~8455551212
PER~IC~~TE~7165551212~FX~8455551234~EM~
CUSTNAME@EMAILSERV.COM
PER~IC~~EM~CUSTNAME@EMAILSERV.COM
```

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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 communication number/address for the customer associated with this account.	
Must Use	PER04	364	Communication Number	X AN 1/80
			Complete communications number/address according to sender's records.	
Optional	PER05	365	Communication Number Qualifier	X ID 2/2
			EM Email Address	
			FX Facsimile	
			TE Telephone	

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

				Code identifying the type of communication number/ address for the customer associated with this account.
Optional	PER06	364	Communication Number	X AN 1/80
				Complete communications number/address according to sender's records.
Optional	PER07	365	Communication Number Qualifier	X ID 2/2
			EM	Email Address
			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
				Complete communications number/address according to sender's records.

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

Segment: PER Administrative Communications Contact (Customer Phone Number)

Position: 080
Loop: N1 Optional (Dependent)
Level: Heading
Usage: Optional (Dependent)
Max Use: 1
Purpose: To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 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.

Semantic Notes:

Notes: Utility request: Not Used
 ESCO response: Not Applicable

ESCO request: Conditional
 Utility response: 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 **PERIC-N1BT** code is transmitted in the REF*TD segment at position 030.

PER~IC~~TE~7166756271

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	PER01	366	Contact Function Code IC Information Contact	M ID 2/2
Must Use	PER03	365	Communication Number Qualifier TE Telephone	X ID 2/2
Must Use	PER04	364	Communication Number Contact telephone number for the customer associated with this account.	X AN 1/80

Customer's telephone number in the format xxxyyyzzzz (Area code+7 digit number).

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

Scenario 2A: ESCO Change Request – Change Mailing Address and Telephone Number

ST*814*0002!	Transaction Set header; transaction defined is an 814 ; control number assigned by originator
BGN*13*200609185101*20060918!	Transaction is a Request ; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*845750011!	ESCO Name and DUNS number
N1*8S*UTILITY NAME*1*006982359!	Utility Name and DUNS number
N1*BT*SAMS SHOES C/O A.E.JONES, CPA!	New Name for Mailing
N3*237 WEST 35 ST 16FL!	New Mailing Address – Street
N4*NEW YORK*NY*10001-1905!	New Mailing Address – City, State, Postal Code
PER*IC**TE*2125556271!	New Telephone Number
LIN*AC2006089A*SH*EL*SH*CE!	Unique transaction reference number, request pertains to electric service
ASI*7*001!	Action is a Change Request
REF*TD*N1BT!	Change Reason – Change in Name for Mailing, or Mailing Address or Mailing Address Contact Info
REF*12*994102162510009!	Utility Account Number
LIN*AC2006089B*SH*EL*SH*CE!	2 nd LIN Request
ASI*7*001!	Action is a Change Request
REF*TD*PERIC!	Change Reason – Change in Customer’s Telephone Number
REF*12*994102162510009!	Utility Account Number
SE*147*0002!	Transaction Set trailer; segment count; control number

2. B. Response(s) to Request to Change Mailing Address and Telephone Number

(Separate Response transaction for each LIN Request)

a. First Response Transaction:

ST*814*0004!	Transaction Set header; transaction defined is an 814 ; control number assigned by originator
BGN*11*00056799*20060920***200609185101!	Transaction is a Response ; Unique id number for this transaction; transaction creation date; BGN02 from Request transaction
N1*SJ*ESCO NAME*1*845750011!	ESCO Name and DUNS number
N1*8S*UTILITY NAME*1*006982359!	Utility Name and DUNS number
LIN*AC2006089A*SH*EL*SH*CE!	Unique transaction reference number for the request, response pertains to electric service
ASI*WQ*001!	Accept Request
REF*TD*N1BT!	Echo Back Change Reason – Change in Name for Mailing, or Mailing Address or Mailing Address Contact Info
REF*12*994102162510009!	Utility Account Number
DTM*007*20060920!	Effective Date of Change
SE*10*0004!	Transaction Set trailer; segment count; control number

Case No. 12-M-0476 et. al.
 EDI Business/Technical Working Groups
 Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

b. Second Response Transaction:

ST*814*0005!	Transaction Set header; transaction defined is an 814 ; control number assigned by originator
BGN*11*20060920048*20060920***200609185101!	Transaction is a Response ; Unique id number for this transaction; transaction creation date; BGN02 from Request transaction
N1*SJ*ESCO NAME*1*845750011!	ESCO Name and DUNS number
N1*8S*UTILITY NAME*1*006982359!	Utility Name and DUNS number
LIN*AC2006089B*SH*EL*SH*CE!	Unique transaction reference number for the request; response pertains to electric service
ASI*WQ*001!	Accept Request
REF*TD*PERIC!	Echo back Change Reason – Change in Customer's Telephone Number
REF*12*994102162510009!	Utility Account Number
DTM*007*20060920!	Effective Date of Change
SE*10*0005!	Transaction Set trailer; segment count; control number

Scenario 7A: Utility Change Request – Add/Update Telephone Number

ST*814*0001!	Transaction Set header; transaction defined is an 814 ; control number assigned by originator
BGN*13*20060918001*20060918!	Transaction is a Request ; Unique id number for this transaction; transaction creation date
N1*SJ*ESCO NAME*1*625401997!	ESCO Name and DUNS number
N1*8S*CENTRAL HUDSON GAS & ELEC CORP*1*006993695!	Utility Name and DUNS number
N1*8R*JOHN SMITH!	Customer Name
PER*IC**TE*8455551111!	Customer Telephone Number
LIN*0099*SH*EL*SH*CE!	Unique transaction reference number, request pertains to electric services
ASI*7*001!	Action is a Change Request
REF*TD*N18RPERIC!	Change Reason - Change in Service Address Contact Info Customer Telephone Number
REF*12*6157324112!	Utility Account Number for Customer
DTM*007*20060918!	Effective Change Date
SE*12*0001!	Transaction Set trailer; segment count; control number

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 6/3/2016

Scenario 7B: ESCO Response to Change Telephone Number

ST*814*0083!	Transaction Set header; transaction defined is an 814 ; control number assigned by originator
BGN*11*00013415*20060920***20060918001!	Transaction is a Response ; Unique id number for this transaction; transaction creation date; BGN02 from Request transaction
N1*SJ*ESCO NAME*1*625401997!	ESCO Name and DUNS number
N1*8S*CENTRAL HUDSON GAS & ELEC CORP*1*006993695!	Utility Name and DUNS number
LIN*0099*SH*EL*SH*CE!	Unique transaction reference number, response pertains to electric services
ASI*WQ*001!	Accept Request
REF*TD*N18RPERIC!	Echo Back Change Reason - Change in Service Address Contact Info Customer Telephone Number
REF*12*6157324112!	Utility Account Number for Customer
SE*9*0083!	Transaction Set trailer; segment count; control number