

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 5/20/2016

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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier	M ID 2/3
			TD Reason for Change	
Must Use	REF02	127	Reference Identification	X AN 1/30
			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.	
			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

	Maintained EDI Guide.
AMTBD	Change ESCO Budget Plan Balance Supported only if indicated within a utility's Utility Maintained EDI Guide.
AMTDP	Change Percentage of Service Tax Exempt
AMTFW	Change ESCO Fixed Charge
AMTKZ	Change ICAP ELECTRIC Service Only.
AMTRJ	Change ESCO Commodity Price
DTM007	Change Effective Date
DTM150	Change Service Period Start Date Enrollment is pending. This code is used by the Utility 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 report a change in the Assigned Service End Date.
N18R	Change Name-Contact Information or Service Address Use this code when the name-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 reported.
N1BT	Change Name-Contact Information for Mailing or Mailing Address Use this code when the Customer contact information, e.g. name, phone, fax or email, name for mailing and/or the mailing address is being changed.
PERIC	Change Information-Contact Information Use this code when reporting a change in the Customer's Telephone Number in an N1-(Customer) or N1-(Name for Mailing) Loop.
REF11	Change ESCO Customer Account Number
REF12	Change Utility Account Number
REF65	Change Meter Read Cycle
REFBF	Change Bill Cycle
REFBLT	Change Billing Type (Bill Presenter)
REFGC	Change Gas Capacity Assignment/Obligation GAS Service Only
REFIJ	Change Industrial Classification Code
REFLF	Change ESCO Late Fee Policy Supported only if indicated within a utility's Utility 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
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

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 5/20/2016

	GAS Service Only
REFYP	Change NYPA Discount Indicator

Case No. 12-M-0476 et. al.
EDI Business/Technical Working Groups
Workpaper – 814C – Proposed REF*TD Change - 5/20/2016

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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<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 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 - 5/20/2016

			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 - 5/20/2016

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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Mand.</u>	<u>Des.</u>	<u>Element</u>		
	PER01	366	Contact Function Code	M ID 2/2
			IC Information Contact	
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	364	Communication Number	X AN 1/80
			Customer's telephone number in the format xxxyyyzzzz (Area code+7 digit number).	