867 Product Transfer and Resale Report

Functional Group ID=**PT**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
			LOOP ID - N1			5	
Must Use	080	N1	Name	O	1		
	090	N2	Additional Name Information	O	2		
	100	N3	Address Information	O	2		
	110	N4	Geographic Location	O	1		
Must Use	120	REF	Reference Identification	O	12		
			LOOP ID - PER			>1	
	130	PER	Administrative Communications Contact	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PTD			>1	
Must Use	010	PTD	Product Transfer and Resale Detail	M	1		
Must Use	030	REF	Reference Identification	O	20		
			LOOP ID - N1			5	
Must Use	050	N1	Name	O	1		
	060	N2	Additional Name Information	O	2		
	070	N3	Address Information	O	2		
	080	N4	Geographic Location	O	1		
			LOOP ID - QTY			>1	
Must Use	110	QTY	Quantity	O	1		
Must Use	160	MEA	Measurements	O	40		
Must Use	210	DTM	Date/Time Reference	O	10		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n1
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

Segment:		**ST** Transaction Set Header	
Position:		010	
Loop:			
Level:		Heading:	
Usage:		Mandatory	
Max Use:		1	
Purpose:		To indicate the start of a transaction set and to assign a control number	
Syntax Notes:			
Semantic Notes:		1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			867 Product Transfer and Resale Report	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

	Segment:	**BPT** Beginning Segment for Product Transfer and Resale
	Position:	020
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data
	Syntax Notes:	
	Semantic Notes:	1 BPT02 identifies the transfer/resale number.
		2 BPT03 identifies the transfer/resale date.
		3 BPT08 identifies the transfer/resale time.
		4 BPT09 is used when it is necessary to reference a Previous Report Number.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPT01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

00	Original	
	Conveys original readings/billing information for the account being reported.	
01	Cancellation	
	Indicates that the original readings/billing information previously reported for the account are to be ignored.	
05	Replace	
	Indicates that the readings/billing information previously cancelled for the account are being replaced with reread/rebill information.	
07	Duplicate	
	Indicates that this is a retransmission of previously furnished information.	
52	Response to Historical Inquiry	
	Response to a request for historical meter reading.	
CO	Corrected	
	Indicates that the readings/billing information previously reported for the account are being corrected.	

	Ref. Des.	Data Element	Name	Attributes
	BPT02	127	**Reference Identification**	**O AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

A unique transaction identification number for this transaction, assigned by the originator.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPT03	373	**Date**	**M DT 6/6**

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes
	BPT04	755	**Report Type Code**	**O ID 2/2**

Code indicating the title or contents of a document, report or supporting item

22	Functional Plan	
	Usage model information for an aggregated customer class (load profile).	
23	Contractual Plan	
	Load template for an individual customer's usage within an aggregated customer class.	
C1	Cost Data Summary	
	Summary of all interval readings.	
DD	Distributor Inventory Report	

Detailed usage information.

Segment:	**N1** Name
Position:	080
Loop:	N1 Optional (Must Use)
Level:	Heading:
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

8R	Consumer Service Provider (CSP) Customer	
	End use customer	
8S	Consumer Service Provider (CSP)	
	Utility	
AG	Agent/Agency	
	Metering agent	
SJ	Service Provider	
	Identifies name and address information as pertaining to a service provider for which billing is being rendered	
	Energy Service Provider	

	Ref. Des.	Data Element	Name	Attributes
	N102	93	**Name**	X AN 1/60

Free-form name

	Ref. Des.	Data Element	Name	Attributes
	N103	66	**Identification Code Qualifier**	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
24	Employer's Identification Number
91	Assigned by Seller or Seller's Agent
	An identifier assigned by the Utility
92	Assigned by Buyer or Buyer's Agent
	An identifier assigned by the Energy Service Provider

	Ref. Des.	Data Element	Name	Attributes
	N104	67	**Identification Code**	X AN 2/20

Code identifying a party or other code

Segment:	**N2** Additional Name Information
Position:	090
Loop:	N1 Optional (Must Use)
Level:	Heading:
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N201	93	Name	M	AN 1/60
			Free-form name		
	N202	93	Name	O	AN 1/60
			Free-form name		

	Segment:	**N3** Address Information
	Position:	100
	Loop:	N1 Optional (Must Use)
	Level:	Heading:
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify the location of the named party
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information** Address information	M	AN 1/55
	N302	166	**Address Information** Address information	O	AN 1/55

Segment: **N4** **Geographic Location**
Position: 110
Loop: N1   Optional (Must Use)
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1   A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
       2   N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	**City Name**	O	**AN 2/30**
		Free-form text for city name		
N402	156	**State or Province Code**	O	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	**ID 2/3**
		Code identifying the country		

Segment:	**REF** Reference Identification		

Position: 120
Loop: N1   Optional (Must Use)
Level: Heading:
Usage: Optional (Must Use)
Max Use: 12
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.
Comments:
Notes: Required by the Utility Industry Group.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

       11   Account Number

                       Number identifies a telecommunications industry account

                       Energy Service Provider-assigned account number for the end use customer.

       12   Billing Account

                       Account number under which billing is rendered

                       Utility-assigned account number for the end use customer.

       45   Old Account Number

                       Identifies accounts being changed

                       Previous utility-assigned account number for the end use customer.

       CR   Customer Reference Number

	REF02	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: # PER Administrative Communications Contact

Position: 130
Loop: PER   Optional
Level: Heading:
Usage: Optional
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:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**PER01**	**366**	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			IC Information Contact		
	PER02	**93**	**Name**	**O**	**AN 1/60**
			Free-form name		
	PER03	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
			FX Facsimile		
			TE Telephone		
	PER04	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
	PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
			FX Facsimile		
			TE Telephone		
	PER06	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
	PER07	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
			FX Facsimile		
			TE Telephone		
	PER08	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		

Segment: **PTD** Product Transfer and Resale Detail
Position: 010
Loop: PTD   Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data
Syntax Notes: **1**   If either PTD02 or PTD03 is present, then the other is required.
             2   If either PTD04 or PTD05 is present, then the other is required.
Semantic Notes:
Comments:
Notes: The PTD loop conveys consumption information for one meter or register over a number of metering intervals. Accounts which have multiple meters or registers require multiple PTD loops.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PTD01	521	**Product Transfer Type Code**	M ID 2/2
			Code identifying the type of product transfer	
			PM Physical Meter Information	

		Segment:	**REF** Reference Identification
		Position:	030
		Loop:	PTD Mandatory
		Level:	Detail:
		Usage:	Optional (Must Use)
		Max Use:	20
		Purpose:	To specify identifying information

Segment: **REF** Reference Identification
Position: 030
Loop: PTD   Mandatory
Level: Detail:
Usage: Optional (Must Use)
Max Use: 20
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.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			46 Old Meter Number		
			Identifies meters being removed		
			LU Location Number		
			Identification number for the point where service is delivered to the customer.		
			MG Meter Number		
			P5 Position Code		
			Used to identify the position of this meter relative to other meters at this location.		
			YT Reporter Identification		
			Automatic Meter Reading (AMR) device identification		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	**N1** Name		
Position:	050		
Loop:	N1	Optional (Must Use)	
Level:	Detail:		
Usage:	Optional (Must Use)		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			MQ Metering Location		
	N102	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			92 Assigned by Buyer or Buyer's Agent		
			An identifier assigned by the customer		
	N104	**67**	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		

Segment:	**N2** Additional Name Information
Position:	060
Loop:	N1 Optional (Must Use)
Level:	Detail:
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N201	93	**Name**	M	AN 1/60
			Free-form name		
	N202	93	**Name**	O	AN 1/60
			Free-form name		

	Segment:	**N3** Address Information
	Position:	070
	Loop:	N1 Optional (Must Use)
	Level:	Detail:
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify the location of the named party
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information** Address information	M	AN 1/55
	N302	166	**Address Information** Address information	O	AN 1/55

Segment:	# N4 Geographic Location

Position: 080
Loop: N1   Optional (Must Use)
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1   A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2   N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	**City Name**	O	**AN 2/30**
		Free-form text for city name		
N402	156	**State or Province Code**	O	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	**ID 2/3**
		Code identifying the country		

Segment:	**QTY** Quantity			
Position:	110			
Loop:	QTY	Optional (Must Use)		
Level:	Detail:			
Usage:	Optional (Must Use)			
Max Use:	1			
Purpose:	To specify quantity information			
Syntax Notes:	1	At least one of QTY02 or QTY04 is required.		
	2	Only one of QTY02 or QTY04 may be present.		
Semantic Notes:	1	QTY04 is used when the quantity is non-numeric.		
Comments:				
Notes:	Each QTY/MEA/DTM loop conveys consumption information about one metering interval.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2
			Code specifying the type of quantity	
			87 Quantity Received	
			Received from the customer in a co-generation environment.	
			DY Days	
			QD Quantity Delivered	
	QTY02	380	**Quantity**	X R 1/15
			Numeric value of quantity	
	QTY03	C001	**Composite Unit of Measure**	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	**Unit or Basis for Measurement Code**	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			1N Count	
			Indicates meter pulses	
			2I British Thermal Units (BTUs) Per Hour	
			British thermal units per hour	
			70 Volt	
			99 Watt	
			BY British Thermal Unit (BTU)	
			BZ Million BTU's	
			Decatherms	
			CF Cubic Feet	
			DA Days	
			EA Each	
			GA Gallon	
			HH Hundred Cubic Feet	
			HJ Horsepower	
			K1 Kilowatt Demand	
			Represents potential power load measured at predetermined intervals	
			K2 Kilovolt Amperes Reactive Demand	
			Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter	
			K3 Kilovolt Amperes Reactive Hour	

	Represents actual electricity equivalent to kilowatt hours; billable when usage meets or exceeds defined parameters
K4	Kilovolt Amperes
	Measure of electrical power
K5	Kilovolt Amperes Reactive
	Measure of electrical power
K7	Kilowatt
	Measure of electrical power
KH	Kilowatt Hour
LB	Pound
MO	Months
T1	Thousand pounds gross
T9	Thousand Kilowatt Hours
TD	Therms
TH	Thousand
TZ	Thousand Cubic Feet
UN	Unit
WK	Week
YR	Years

Segment:	**MEA** Measurements
Position:	160
Loop:	QTY Optional (Must Use)
Level:	Detail:
Usage:	Optional (Must Use)
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

Syntax Notes:
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.

Semantic Notes:
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:
1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	**Measurement Reference ID Code**	O ID 2/2

Code identifying the broad category to which a measurement applies

AA	Meter reading-beginning actual/ending actual	
AB	Average Balance	
	Average or contract demand	
AE	Meter reading-beginning actual/ending estimated	
AF	Actual Total	
BC	Billed Actual	
BN	Billed Minimum	
BO	Meter Reading as Billed	
	Used when billing charges are based on contractual agreements or pre-established usage and not on actual usage	
BR	Billed History	
CF	Conversion Factor	
DT	Dimensional Tolerance	
EA	Meter reading-beginning estimated/ending actual	
EE	Meter reading-beginning estimated/ending estimated	
R1	Opening Reading	
TI	Time	

Ref. Des.	Data Element	Name	Attributes
MEA02	738	**Measurement Qualifier**	O ID 1/3

Code identifying a specific product or process characteristic to which a measurement applies

CJ	Cycle Time
LN	Length
MEF	Meter Factor
MU	Multiplier
MX	Maximum
PU	Pressure Base
RUD	Usage Deviation (Applies to Kilowatt Hours, Kilowatt Demand and Reactive Demand)
TC	Temperature
UG	Usage

			Used when reporting partial-period usage prior to the first full-period reporting.		
		ZA	Power Factor		
			Relationship between watts and volt - amperes necessary to supply electric load		
		ZD	Load Factor		
			Relationship between watt hours and watt demand necessary to supply electric load		

	MEA03	**739**	**Measurement Value**	**X**	**R 1/20**

The value of the measurement

	MEA04	**C001**	**Composite Unit of Measure**	**X**

To identify a composite unit of measure (See Figures Appendix for examples of use)

Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

2I	British Thermal Units (BTUs) Per Hour
	British thermal units per hour
70	Volt
99	Watt
BY	British Thermal Unit (BTU)
BZ	Million BTU's
CF	Cubic Feet
DA	Days
EA	Each
GA	Gallon
HH	Hundred Cubic Feet
HJ	Horsepower
K1	Kilowatt Demand
	Represents potential power load measured at predetermined intervals
K2	Kilovolt Amperes Reactive Demand
	Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter
K3	Kilovolt Amperes Reactive Hour
	Represents actual electricity equivalent to kilowatt hours; billable when usage meets or exceeds defined parameters
K4	Kilovolt Amperes
	Measure of electrical power
K5	Kilovolt Amperes Reactive
	Measure of electrical power
K7	Kilowatt
	Measure of electrical power
KH	Kilowatt Hour
LB	Pound
MO	Months
T9	Thousand Kilowatt Hours
TD	Therms
TH	Thousand
TZ	Thousand Cubic Feet
UN	Unit
WK	Week

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	C00103	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

Rec	MEA06	741	**Range Maximum**	X	R 1/20

The value specifying the maximum of the measurement range

	MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

10	Not equal to
22	Actual
31	Calculated
34	Ratchet
	Highest previously attained value
39	Corrected
40	Uncorrected
41	Off Peak
42	On Peak
43	Intermediate
68	As Is
	Indicates that the data is raw, no validation has been performed.
88	Adjusted
93	Previous

The UIG has made Data Maintenance Requests (DMs) for several codes. This document will be revised when the DMs are approved. Until then, the following non-standard code definitions will be used.

44 = Summer Off Peak
45 = Summer On Peak
46 = Summer Mid Peak
47 = Summer Super On Peak
48 = Summer Super Off Peak
49 = Winter On Peak
50 = Winter Mid Peak
51 = Winter Off Peak
52 = Winter Super Off Peak
53 = Summer Day
54 = Summer Night
55 = Winter Day
56 = Winter Night
57 = Summer
58 = Winter
59 = Day
60 = Night
62 = Current
63 = Peak-2
64 = Peak-3
65 = Peak-4
66 = Shoulder
67 = Non Time-Related Demand
69 = Estimated

Segment:	**DTM** Date/Time Reference
Position:	210
Loop:	QTY Optional (Must Use)
Level:	Detail:
Usage:	Optional (Must Use)
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**		M ID 3/3
			Code specifying type of date or time, or both date and time		
			150	Service Period Start	
			151	Service Period End	
			319	Failed	
				Meter failure date	
			514	Transferred	
				Exchanged meter read date	
			634	Next Review Date	
				Next meter read date	
			730	Reporting Cycle Date	
				Period	
	DTM06	1250	**Date Time Period Format Qualifier**		X ID 2/3
			Code indicating the date format, time format, or date and time format		
			D6	Date Expressed in Format YYMMDD	
			D8	Date Expressed in Format CCYYMMDD	
			DT	Date and Time Expressed in Format CCYYMMDDHHMM	
			RD6	Range of Dates Expressed in Format YYMMDD-YYMMDD	
			RD8	Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD	
				A range of dates expressed in the format CCYYMMDD-CCYYMMDD where CCYY is the numerical expression of the century CC and year YY, MM is the numerical expression of the month within the year, and DD is the numerical expression of the day within the year; the first occurrence of CCYYMMDD is the beginning date and the second occurrence is the ending date	
			RDT	Range of Date and Time, Expressed in Format CCYYMMDDHHMM-CCYYMMDDHHMM	
				A range of dates and times expressed in the format CCYYMMDDHHMM-CCYYMMDDHHMM where CCYY is the numerical expression of the century CC and year YY, MM is the numerical expression of the month within the year, DD is the numerical expression of the day within the month, HH is the numerical expression of hours in the day based on a twenty-four hour clock, and MM is the numerical expression of	

minutes within an hour; the first occurrence of
CCYYMMDDHHMM is the starting time and the
second is the ending time

DTM07   **1251**   **Date Time Period**   **X**   **AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment: **CTT** **Transaction Totals**
Position: 010
Loop: CTT   Optional
Level: Summary:
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1   If either CTT03 or CTT04 is present, then the other is required.
                2   If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1   This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	

Segment: **SE** **Transaction Set Trailer**
Position: 030
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1   SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		