Segment: **PTD** Product Transfer and Resale Detail (Additional Information)

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:	Required
	PTD~FG~~~OZ~GAS

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		
			FG	Flowing Gas Information	
				Additional Information	
Must Use	PTD04	128	**Reference Identification Qualifier**		**X ID 2/3**
			Code qualifying the Reference Identification		
			OZ	Product Number	
Must Use	PTD05	127	**Reference Identification**		**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			EL	Electric Service	
			GAS	Gas Service	

Segment:	**REF** Reference Identification (Customer Shopping Status)			
Position:	030			
Loop:	PTD	Mandatory		
Level:	Detail			
Usage:	Optional			
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:				
Notes:	Required			
	REF*0N*E			

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		
			0N	Attached To	
				Customer's Shopping Status	
Must Use	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		
			E	Customer is receiving supply from an ESCO at the time the transaction is created.	
			U	Customer is receiving supply from the Utility at the time the transaction is created.	

Segment:	**REF** Reference Identification (SIC/NAISC Code)
Position:	030
Loop:	PTD Mandatory
Level:	Detail
Usage:	Optional
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:	
Notes:	Required if available
	REF*IJ*123456

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

IJ	Standard Industry Classification (SIC) Code

Standard Industry Classification (SIC) Code, or North American Industry Classification System (NAISC) Code

	Ref. Des.	Data Element	Name	Attributes
Must Use	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

SIC or NAISC Code as stored in the Utility's system

Segment:	**REF** Reference Identification (Utility Tax Exempt Status)		
Position:	030		
Loop:	PTD	Mandatory	
Level:	Detail		
Usage:	Optional		
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:			
Notes:	Required - This Yes/No Flag will indicate whether the customer has some level of tax exemption at the time the transaction is created. The ESCO is required to obtain a tax exemption certificate. REF*TX*Y		

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	
			TX Tax Exempt Number	
			Indicates the Utility's Tax Exemption Status at the time the transaction is created.	
Must Use	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	
			N No, the customer is fully taxed for distribution charges at the time the transaction is created.	
			Y Yes, customer has some level of tax exemption for distribution charges at the time the transaction is created.	

		REF Reference Identification (Block on Account)
Segment:		
Position:	030	
Loop:	PTD	Mandatory
Level:	Detail	
Usage:	Optional	
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:		
Notes:	Required	
	REF*ZV*BN	

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		
			ZV	Block	
			Block on Account		
Must Use	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		
			BB	Enrollment Block and Historical Usage Block	
			EB	Enrollment Block	
			HB	Historical Usage Block	
			NB	No Block	

		REF Reference Identification (Account Settlement Indicator)

Segment: **REF** Reference Identification (Account Settlement Indicator)

Position: 030
Loop: PTD   Mandatory
Level: Detail
Usage: Optional
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:

Notes: Required - This indicator reflects how the usage is settled with NYISO, not necessarily how the usage is metered.
REF*TDT*H

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			
			TDT	Technical Documentation Type		
				Account Settlement Indicator		
Must Use	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			
			C	Class Shape		
			H	Hourly		
			M	Mixed		

Segment: # REF Reference Identification (NYPA/ReCharge New York)

Position:	030
Loop:	PTD Mandatory
Level:	Detail
Usage:	Optional
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:	
Notes:	What are the requirements?
	REF*??*N

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

What code suits this segment?

2X	Supplemental Agreement Authority
GI	Secondary Provider Number
H5	Special Clause
KD	Special Instructions Number
KQ	Procuring Agency
NC	Secondary Coverage Company Number
Y2	Third-Party Administrator Claim Number
YP	Selling Arrangement

	Ref. Des.	Data Element	Name	Attributes
Must Use	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

N	No, the customer does not participate in NYPA/ReCharge New York
Y	Yes, the customer participates in NYPA/ReCharge New York

Segment:	**REF** Reference Identification (Utility Discount)		
Position:	030		
Loop:	PTD	Mandatory	
Level:	Detail		
Usage:	Optional		
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:			
Notes:	Required for non-residential accounts		
	REF*SG*Y		

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	
			SG　　　　Savings	
			Utility Delivery Discounts/Incentive Rate	
Must Use	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	
			N　　　　No, there are not Utility Delivery Discounts/Incentive Rates	
			Y　　　　Yes, there are Utility Delivery Discounts/Incentive Rates	

Segment:	**QTY** Quantity (ICAP Tag)			
Position:	110			
Loop:	QTY	Optional		
Level:	Detail			
Usage:	Optional			
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:	Required for Electric accounts, if available			
	QTY~KZ~476~K1			

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	
			KZ Corrective Action Requests-Written	
			ICAP Tag	
Must Use	QTY02	380	**Quantity**	**X R 1/15**
			Numeric value of quantity	
			ICAP Tag	
	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	
			K1 Kilowatt Demand	

Segment:	**QTY** Quantity (Number of Meters)			
Position:	110			
Loop:	QTY	Optional		
Level:	Detail			
Usage:	Optional			
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: Required - One QTY loop will be provided to indicate the Number of Meters on the account along with each individual Meter Number in subsequent REF segments.

For example:
QTY~9N~3
  REF~MG~13259131
  REF~MG~59381932
  REF~MG~10393823

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		
			9N Component Meter Reading Count		
			Number of Meters on the Account		
Must Use	**QTY02**	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
			Number of Meters on the Account		

Segment:	**REF** Reference Identification (Meter Number)		
Position:	190		
Loop:	QTY	Optional	
Level:	Detail		
Usage:	Optional		
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.	
Comments:			
Notes:	Required - One REF segment will be sent for each Meter Number on the account.		

For example:
QTY~9N~3
   REF~MG~13259131
   REF~MG~59381932
   REF~MG~10393823

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		
			MG Meter Number		
Must Use	**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		
			Meter Number		

	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.
	Notes:	Required
		SE~99~0001

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	