

**Illinois**

Implementation  
Guide  
For  
**E**lectronic  
**D**ata  
**I**nterchange

Transaction Set  
ANSI ASC X12 Version 004010

**867**

**Historical Usage**

Version x.x

## Summary of Changes

Month ##, 2008

- Initial Release.

## Implementation Notes

### PTD Loops Definition

- The PTD~SU loop is used to show the total usage for the account/service point. There will only be one PTD loop per transaction and is always required.
- The PTD~FG loop will be used to show scheduling determinants (capacity obligation, etc)

### Rebills

- In order to restate usage for a period, the original usage must be canceled and then the new usage can be sent.
- If a cancellation is sent, it does not necessarily mean a restated usage will be sent (usage sent in error).

### Definition of Mass Market Customers

- Ameren Mass Market - Includes any account containing one or more of only the following types of service point: DS-1 (residential), DS-2 (small commercial < 150 kw) or DS-5 (lighting).
- ComEd Mass Market – Includes all residential and commercial customers under 100KW. Customers with 100KW – 400KW usage is POR eligible, but is not mass market.

### Definition of Service Point

- Ameren Service Point - Ameren's systems operate at a Service Point level. A service point consists of metered or unmetered load that is assigned to a specific Ameren rate. A service point containing metered load can have one or more meters associated with it. An Ameren account may have multiple electric service points associated with it. For Mass Market accounts, the RES is required to take all service points on the account that is being enrolled. For Non-Mass Market accounts, the RES may choose which Service Points to serve. It is important to follow the requirements in each Implementation Guide to differentiate when a Service Point Identifier may or may not be sent.
- ComEd operates at an Account Level only.

# 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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
			LOOP ID - N1			5	
	080	N1	Name	O	1		
	120	REF	Reference Identification	O	12		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - PTD			>1	
M	010	PTD	Product Transfer and Resale Detail	M	1		
	020	DTM	Date/Time Reference	O	10		
	030	REF	Reference Identification	O	20		
			LOOP ID - QTY			>1	
	110	QTY	Quantity	O	1		
	160	MEA	Measurements	O	40		
	210	DTM	Date/Time Reference	O	10		

## Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	030	SE	Transaction Set Trailer	M	1		

**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) is 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:**  
**Notes:** Required  
 ST~867~000000001

**Data Element Summary**

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

**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:** 1 If either BPT05 or BPT06 is present, then the other is required.

**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:**

**Notes:**

Required

BPT~52~20081012123456789~20081201~DD

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BPT01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 52 Response to Historical Inquiry Response to a request for historical meter reading.	M ID 2/2
Must Use	BPT02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier A unique transaction identification number assigned by the originator of this transaction. This number should be unique over time. Transaction Reference Numbers will only contain uppercase letters (A to Z), digits (0 to 9), dashes (-) and periods (.). Note that all other characters (spaces, underscores, etc.) must be excluded.	M AN 1/30
Must Use	BPT03	373	<b>Date</b> Date expressed as CCYYMMDD Transaction Creation Date. This is the date that the transaction was created by the sender's application system.	M DT 8/8
Must Use	BPT04	755	<b>Report Type Code</b> Code indicating the title or contents of a document, report or supporting item DD Distributor Inventory Report Indicates transaction is a Historical non-interval usage transaction.	M ID 2/2

**Segment:** **DTM** Date/Time Reference (Eligible to switch)  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**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:**  
**Comments:**

**Notes:** Required if customer is not currently eligible to switch  
 If customer currently is not available to switch, this will be used to indicate when the customer will be eligible to switch.  
 DTM~307~20081225

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 307 Eligibility Date Customer is eligible to switch	M ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD Date	M DT 8/8

**Segment:** **N1** Name (Utility)  
**Position:** 080  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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.  
**Notes:** Required  
 N1~8S~UTILITY NAME~1~123456789

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) Utility	<b>M ID 2/3</b>
Must Use	N102	93	<b>Name</b> Free-form name Utility Name	<b>M AN 1/60</b>
Must Use	N103	66	<b>Identification Code Qualifier</b> 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	<b>M ID 1/2</b>
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code Utility D-U-N-S Number or D-U-N-S + 4 Number	<b>M AN 9/13</b>

**Segment:** **N1** Name (RES)  
**Position:** 080  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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.  
**Notes:** Required  
 N1~SJ~RES COMPANY~1~987654321

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SJ Service Provider Retail Electric Supplier (RES)	<b>M ID 2/3</b>
Must Use	N102	93	<b>Name</b> Free-form name RES Name	<b>M AN 1/60</b>
Must Use	N103	66	<b>Identification Code Qualifier</b> 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	<b>M ID 1/2</b>
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code RES D-U-N-S Number or D-U-N-S + 4 Number	<b>M AN 9/13</b>

**Segment:** **N1** Name (Customer)  
**Position:** 080  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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.  
**Notes:** Required  
 N1~8R~CUSTOMER NAME

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 8R Consumer Service Provider (CSP) Customer Customer Name	M ID 2/3
Must Use	N102	93	Name Free-form name Customer Name	M AN 1/60

**Segment:** **REF** Reference Identification (RES Account Number)  
**Position:** 120  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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:**

Optional  
 If the account is enrolled and was provided on the enrollment or change transaction, the Utility will include the RES account number on all transactions. If the account is not already enrolled with the RES, the Utility will not return the RES account number.  
 REF~11~1234567890

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 11 Account Number Retail Electric Supplier (RES) Account Number	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier RES Account Number	M AN 1/30

**Segment:** **REF** Reference Identification (Utility Account Number)  
**Position:** 120  
**Loop:** N1 Mandatory  
**Level:** Heading  
**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

Both utilities currently have 10 digit account numbers. All 10 digits, including leading zeros must be provided.  
 REF~12~0000445648~GROUPA

### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 12 Billing Account Utility Account Number	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Utility Account Number	M AN 1/30
Must Use	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content POR Eligibility Group GROUPA Ameren POR Eligibility Group A GROUPB Ameren POR Eligibility Group B NONPOR Account not eligible for POR	M AN 1/80

**Segment:** **REF** Reference Identification (Service Point Identifier)  
**Position:** 120  
**Loop:** N1 Mandatory  
**Level:** Heading  
**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:**

Ameren Mass Market: Required - Historical Usage sent by Service Point  
Ameren Non-Mass Market: Required - Historical Usage sent by Service Point  
ComEd: Not Used

Ameren currently uses an 8-digit Service Point number. All 8 digits, including leading zeros must be provided.  
REF~LU~00034180

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			LU Location Number	
			Service Point Identifier	
Must Use	REF02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Service Point Identifier	

**Segment:** **PTD** Product Transfer and Resale Detail (Summary)

**Position:** 010

**Loop:** PTD Optional

**Level:** Detail

**Usage:** Optional

**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~SU

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PTD01	521	Product Transfer Type Code	M ID 2/2
			Code identifying the type of product transfer	
			SU	Summary
				Consumption Summarized/Totalized for Account by rate class

**Segment:** **DTM** DTM (Service Period Start)  
**Position:** 020  
**Loop:** PTD Optional  
**Level:** Detail  
**Usage:** Optional  
**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:**

**Comments:**

**Notes:**

Required  
DTM~150~20081125

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 150 Service Period Start	<b>M ID 3/3</b>
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	<b>M DT 8/8</b>

**Segment:** **DTM** DTM (Service Period End)  
**Position:** 020  
**Loop:** PTD Optional  
**Level:** Detail  
**Usage:** Optional  
**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:**

**Comments:**

**Notes:**

Required  
DTM~151~20081225

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 151 Service Period End	<b>M ID 3/3</b>
<b>Must Use</b>	<b>DTM02</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD	<b>M DT 8/8</b>

**Segment:** **REF** REF (Utility Rate Class)  
**Position:** 030  
**Loop:** PTD 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  
REF~NH~GS1~Large GS

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification NH Rate Card Number Utility Rate Class	<b>M ID 2/3</b>
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Utility Rate Class	<b>M AN 1/30</b>
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content Additional detail on the Rate Class	<b>O AN 1/80</b>

**Segment:** **REF** REF (Load Profile Class)  
**Position:** 030  
**Loop:** PTD 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  
REF~LO~GS

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification LO Load Planning Number Load Profile Class	<b>M ID 2/3</b>
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Load Profile Class	<b>M AN 1/30</b>

**Segment:** **REF** REF (Supply Group)  
**Position:** 030  
**Loop:** PTD 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:**

Note: Supply group will be shown in REF03 due to the length of the supply group names.  
ComEd: Required  
Ameren: Not Used  
REF~PTC~~Self-Generating

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification PTC Patent Type Supply Group	<b>M ID 2/3</b>
Must Use	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content Supply Group	<b>M AN 1/80</b>

**Segment:** QTY Quantity  
**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:**

Each QTY/MEA/DTM loop conveys consumption information about one metering period.  
 Required  
 QTY~QD~1234~KH

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity QD Quantity Delivered	M ID 2/2
Must Use	QTY02	380	<b>Quantity</b> Numeric value of quantity	M R 1/15
Must Use	QTY03	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	M
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken K1 Kilowatt Demand KW K3 Kilovolt Amperes Reactive Hour KVARH KH Kilowatt Hour KWH	M ID 2/2

**Segment:** **MEA** Measurements  
**Position:** 160  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional (Dependent)  
**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.

**Notes:** Required

At least one MEA is required for each unit of measure (kW, kWh, KVARH) to report the total consumption/demand (MEA07=51) and additional MEA segments will be provided if Time of Use is applicable (MEA07 = 41 or 42)

If the meter registers on and off peak, the utility will send 0 if there was no usage, if the meter does NOT register on and off peak, it will not be sent.

MEA~~PRQ~1234~KH~~~51

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MEA02	738	<b>Measurement Qualifier</b> Code identifying a specific product or process characteristic to which a measurement applies PRQ Product Reportable Quantity	M ID 1/3
Must Use	MEA03	739	<b>Measurement Value</b> The value of the measurement	M R 1/20
Must Use	MEA04	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken K1 Kilowatt Demand KW K3 Kilovolt Amperes Reactive Hour KVARH KH Kilowatt Hour KWH	M ID 2/2
Must Use	MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value 41 Off Peak 42 On Peak 51 Total	M ID 2/2

**Segment:** **DTM** Date/Time Reference (Service Period Start Date)  
**Position:** 210  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**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:**

**Comments:**

**Notes:**

Required  
DTM~150~20090824

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 150 Service Period Start	<b>M ID 3/3</b>
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	<b>M DT 8/8</b>

**Segment:** **DTM** Date/Time Reference (Service Period End Date)  
**Position:** 210  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**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:**

**Comments:**

**Notes:**

Required  
DTM~151~20080901

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 151 Service Period End	<b>M ID 3/3</b>
<b>Must Use</b>	<b>DTM02</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD	<b>M DT 8/8</b>

**Segment:** **PTD** Product Transfer and Resale Detail (Scheduling Determinants)

**Position:** 010

**Loop:** PTD Optional

**Level:** Detail

**Usage:** Optional

**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:** This PTD Loop will be used to provide scheduling determinants, such as the capacity obligation, transmission obligation, etc.

Required

PTD~FG

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PTD01	521	Product Transfer Type Code	M ID 2/2
			Code identifying the type of product transfer	
			FG	Flowing Gas Information
				Scheduling Determinants. This loop will provide information required.

**Segment:** **REF** REF (Bill Cycle)  
**Position:** 030  
**Loop:** PTD 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  
REF~BF~12

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BF Billing Center Identification Billing Cycle	<b>M ID 2/3</b>
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Bill Cycle	<b>M AN 1/30</b>

**Segment:** QTY Quantity (Capacity Contribution-PLC)  
**Position:** 110  
**Loop:** QTY Optional (Dependent)  
**Level:** Detail  
**Usage:** Optional (Dependent)  
**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:**

Ameren: Not Used  
 ComEd: Required

Zero values may be sent if the utility is, in fact, stating that there is no contribution for this customer's account.

The QTY/DTM loop may be sent twice depending on the time of year that Historical Usage is being provided. One iteration will show the current PLC (capacity contribution) and a second iteration will show the PLC that will be effective in the period defined in the DTM segment. Currently ComEd changes the PLC effective June 1st. Once ComEd is aware of what the next effective PLC will be (typically in January) they will begin providing it on transactions.

For example, in February 2010 you may receive:  
 QTY~KC~476~K1  
 DTM~007~~~~RD8~20090601-20100531  
 QTY~KC~450~K1  
 DTM~007~~~~RD8~20100601-20110531

Whereas in September 2010 you would only receive one loop because the following year's PLC is undetermined:  
 QTY~KC~450~K1  
 DTM~007~~~~RD8~20100601-20110531

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Quantity Qualifier</u>	
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			KC	Net Quantity Decrease
				Peak load contributions provided to PJM for Installed Capacity calculation (coincident with PJM peak).
Must Use	QTY02	380	Quantity	M R 1/15
			Numeric value of quantity	
				Represents peak load.
Must Use	QTY03	C001	Composite Unit of Measure	M
			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
				KW

**Segment:** **DTM** Date/Time Reference (Effective Date)  
**Position:** 210  
**Loop:** QTY Optional (Dependent)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**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:**  
**Comments:**

**Notes:** Capacity Contribution is for June 1 - the following May 31. Therefore this date range is to reflect when the value shown in the QTY02 is in effect.  
Required  
DTM~007~~~~RD8~20070601-20080531

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			007 Effective	
			Effective Date	
Must Use	DTM05	1250	Date Time Period Format Qualifier	M ID 2/3
			Code indicating the date format, time format, or date and time format	
			RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD	
Must Use	DTM06	1251	Date Time Period	M AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	
			Time Period	

**Segment:** QTY Quantity (Transmission Contribution-NSPL)  
**Position:** 110  
**Loop:** QTY Optional (Dependent)  
**Level:** Detail  
**Usage:** Optional (Dependent)  
**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

Zero values may be sent if the utility is, in fact, stating that there is no contribution for this customer's account.

The QTY/DTM loop may be sent twice if the Utility is providing both the current NSPL and the NSPL that will be effective for a subsequent period.

For example, you may receive either two loops:

```

QTY~KZ~476~K1
DTM~007~~~~RD8~20090601-20100531
QTY~KZ~450~K1
DTM~007~~~~RD8~20100601-20110531

```

Or just one:

```

QTY~KZ~450~K1
DTM~007~~~~RD8~20090601-20100531

```

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			KZ	Corrective Action Requests-Written
				Transmission Contribution: Customer's contribution to the Transmission System's annual peak load.
Must Use	QTY02	380	Quantity	M R 1/15
			Numeric value of quantity	
				Transmission Contribution
Must Use	QTY03	C001	Composite Unit of Measure	M
			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
				KW

**Segment:** **DTM** Date/Time Reference (Effective Date)  
**Position:** 210  
**Loop:** QTY Optional (Dependent)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**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:**

**Comments:**

**Notes:**

Required  
DTM~007~~~~RD8~20080601-20090531

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 007 Effective Effective Date	<b>M ID 3/3</b>
Must Use	DTM05	1250	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format RD8 Range of Dates Expressed in Format CCYYMMDD- CCYYMMDD	<b>M ID 2/3</b>
Must Use	DTM06	1251	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times Time period	<b>M AN 1/35</b>

**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~23~000000001

**Data Element Summary**

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

## Example #1 – Historical Usage Response - Monthly - Ameren

### HEADING:

Segment Contents	Element Description
ST~867~0008	Transaction Header
BPT~52~2008-10-02-.42.365606~20081001~DD	Transaction Set Purpose Code: <b>52</b> , <i>Response to Historical Inquiry</i> , Reference Identification: <b>2008-10-02-.42.365606</b> , Transaction Date: <b>20081001</b> . Report Type Code: <b>DD</b> , <i>Usage</i>
DTM~307~20081225	Date Qualifier: <b>307</b> , <i>Eligible switch date</i> , Date, <b>20081225</b>
N1~8S~Utility Company~1~123456789	Entity Identifier: <b>8S</b> , <i>Utility indicator</i> , Name: <b>Utility Company</b> , <i>Utility Name</i> , Identification Code Qualifier: <b>1</b> , <i>Duns Number Indicator</i> , Identification Code: <b>123456789</b> , <i>Utility Duns Number</i> .
N1~SJ~RES Company~1~987654321	Entity Identifier: <b>SJ</b> , <i>RES indicator</i> , Name: <b>RES Company</b> , <i>Utility Name</i> , Identification Code Qualifier: <b>1</b> , <i>Duns Number Indicator</i> , Identification Code: <b>987654321</b> , <i>RES Duns Number</i> .
N1~8R~Customer Name	Entity Identifier: <b>8R</b> , <i>Customer Indicator</i> , Name: <b>Customer Name</b> , <i>Customer Name</i>
REF~12~0123456789~GROUPA	Reference Identifier: <b>12</b> , <i>LDC Account Number Indicator</i> , Number: <b>0123456789</b> , <i>LDC Account Number</i> , Reference Description: <b>GroupA</b> , <i>POR Eligibility Group</i>
REF~LU~00034180	Reference Identifier: <b>LU</b> , <i>Service Point Identifier</i> , Number: <b>00034180</b> , <i>Service Point Number</i>

### Detail

Segment Contents	Element Description
PTD~SU	Summary Loop
REF~NH~GSI~LARGE GS	Reference Identifier: <b>NH</b> , <i>Utility Rate Class Identifier</i> Number: <b>GSI</b> , <i>Utility Rate Class</i> , Reference Description: <b>Large GS</b> , <i>Additional Information</i>
REF~LO~GS	Reference Identifier: <b>LO</b> , <i>Load Profile Indicator</i> , <b>GS</b> , <i>Load Profile</i>
QTY~QD~1234~KH	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>1234</b> , Unit of measure <b>KH</b> , <i>Kilowatt Hour</i>
MEA~~PRQ~1234~KH~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>1234</b> , <i>Consumption</i> , Unit of Measure, <b>KH</b> , <i>Kilowatt Hour</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080901	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080901</b>
DTM~151~20081001	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20081001</b>
QTY~QD~22~K1	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>22</b> , Unit of measure <b>K1</b> , <i>Kilowatt Demand</i>
MEA~~PRQ~22~K1~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>22</b> , <i>Consumption</i> , Unit of Measure, <b>K1</b> , <i>Kilowatt Demand</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080901	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080901</b>
DTM~151~20081001	Date Qualifier: 151, <i>Service Period End</i> , Date

	<b>20081001</b>
QTY~QD~2522~KH	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>2522</b> , Unit of measure <b>KH</b> , <i>Kilowatt Hour</i>
MEA~~PRQ~2522~KH~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>2522</b> , <i>Consumption</i> , Unit of Measure, <b>KH</b> , <i>Kilowatt Hour</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080801	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080801</b>
DTM~151~20080901	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20080901</b>
QTY~QD~13~K1	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>13</b> , Unit of measure <b>K1</b> , <i>Kilowatt Demand</i>
MEA~~PRQ~13~K1~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: 13, <i>Consumption</i> , Unit of Measure, <b>K1</b> , <i>Kilowatt Demand</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080801	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080801</b>
DTM~151~20080901	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20080901</b>
PTD~FG	Scheduling Determinants Loop
REF~BF~22	Reference Identifier: <b>BF</b> , <i>Billing Cycle</i> , <b>22</b> , <i>Billing Cycle</i>
QTY~KZ~752~K1	Quantity Qualifier: <b>KZ</b> , <i>Capacity Contribution</i> , <b>752</b> , <i>Capacity Contribution</i> , Unit of Measure: <b>K1</b> , <i>Kilowatt Demand</i>
DTM~007~RD8~20080601-20090531	Date Qualifier: 152, <i>Effective Start</i> , Date Format: <b>RD8</b> , <i>Range</i> , Date <b>20080601-20090531</b>
SE~32~0008	

## Example #2 – Historical Usage Response – Monthly Com Ed Multi service points

### HEADING:

Segment Contents	Element Description
ST~867~0008	Transaction Header
BPT~52~2008-10-02-.42.365606~20081001~DD	Transaction Set Purpose Code: <b>52</b> , <i>Response to Historical Inquiry</i> , Reference Identification: <b>2008-10-02-.42.365606</b> , Transaction Date: <b>20081001</b> . Report Type Code: <b>DD</b> , <i>Usage</i>
DTM~307~20081225	Date Qualifier: <b>307</b> , <i>Eligible switch date</i> , Date, <b>20081225</b>
N1~8S~Utility Company~1~123456789	Entity Identifier: <b>8S</b> , <i>Utility indicator</i> , Name: <b>Utility Company</b> , <i>Utility Name</i> , Identification Code Qualifier: <b>1</b> , <i>Duns Number Indicator</i> , Identification Code: <b>123456789</b> , <i>Utility Duns Number</i> .
N1~SJ~RES Company~1~987654321	Entity Identifier: <b>SJ</b> , <i>RES indicator</i> , Name: <b>RES Company</b> , <i>Utility Name</i> , Identification Code Qualifier: <b>1</b> , <i>Duns Number Indicator</i> , Identification Code: <b>987654321</b> , <i>RES Duns Number</i> .
N1~8R~Customer Name	Entity Identifier: <b>8R</b> , <i>Customer Indicator</i> , Name: <b>Customer Name</b> , <i>Customer Name</i>
REF~12~0123456789~ GROUPA	Reference Identifier: <b>12</b> , <i>LDC Account Number Indicator</i> , Number: <b>0123456789</b> , <i>LDC Account Number</i> , Reference Description: <b>GroupA</b> , <i>POR Eligibility Group</i>

**Detail**

<b>Segment Contents</b>	<b>Element Description</b>
PTD~SU	Summary Loop for First Service point
REF~NH~GSI~LARGE-GS	Reference Identifier: <b>NH</b> , <i>Utility Rate Class Identifier</i> Number: <b>GSI</b> , <i>Utility Rate Class</i> , Reference Description: <b>Large-GS</b> , Additional Information
REF~LO~GS1	Reference Identifier: <b>LO</b> , <i>Load Profile Indicator</i> , <b>GS1</b> , <i>Load Profile</i>
REF~PTC~Self-Generating	Reference Identifier: <b>PTC</b> , <i>Supply Group Identifier</i> , <b>Self-Generating</b> , <i>Supply Group</i>
QTY~QD~1234~KH	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>1234</b> , Unit of measure <b>KH</b> , <i>Kilowatt Hour</i>
MEA~PRQ~1234~KH~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>1234</b> , <i>Consumption</i> , Unit of Measure, <b>KH</b> , <i>Kilowatt Hour</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080901	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080901</b>
DTM~151~20081001	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20081001</b>
QTY~QD~22~K1	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>22</b> , Unit of measure <b>K1</b> , <i>Kilowatt Demand</i>
MEA~PRQ~22~K1~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>22</b> , <i>Consumption</i> , Unit of Measure, <b>K1</b> , <i>Kilowatt Demand</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080901	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080901</b>
DTM~151~20081001	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20081001</b>
QTY~QD~2522~KH	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>2522</b> , Unit of measure <b>KH</b> , <i>Kilowatt Hour</i>
MEA~PRQ~2522~KH~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>2522</b> , <i>Consumption</i> , Unit of Measure, <b>KH</b> , <i>Kilowatt Hour</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080801	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080801</b>
DTM~151~20080901	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20080901</b>
QTY~QD~13~K1	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>13</b> , Unit of measure <b>K1</b> , <i>Kilowatt Demand</i>
MEA~PRQ~13~K1~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>13</b> , <i>Consumption</i> , Unit of Measure, <b>K1</b> , <i>Kilowatt Demand</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080801	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080801</b>
DTM~151~20080901	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20080901</b>
PTD~SU	Summary Loop for second service point <b>ONLY USED BY COMED</b>
REF~NH~B81~Commercial Fixture Included Lighting	Reference Identifier: <b>NH</b> , <i>Utility Rate Class Identifier</i> Number: <b>B81</b> , <i>Utility Rate Class</i> , Reference Description: <b>Commercial Fixture</b>

	<b>Included Lighting</b> , Additional Information
REF~LO~GS	Reference Identifier: <b>LO</b> , <i>Load Profile Indicator</i> , <b>GS</b> , <i>Load Profile</i>
REF~PTC~Self-Generating	Reference Identifier: <b>PTC</b> , <i>Supply Group Identifier</i> , <b>Self-Generating</b> , <i>Supply Group</i>
QTY~QD~1234~KH	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>1234</b> , Unit of measure <b>KH</b> , <i>Kilowatt Hour (kwh)</i> Include total usage of both meters
MEA~~PRQ~1234~KH~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>1234</b> , <i>Consumption</i> , Unit of Measure, <b>KH</b> , <i>Kilowatt Hour</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> . Include total usage of both meters
DTM~150~20080901	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080901</b>
DTM~151~20081001	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20081001</b>
QTY~QD~22~K1	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>22</b> , Unit of measure <b>K1</b> , <i>Kilowatt Demand</i> This would include the peak, depending on the utilities rules would depend if it was combined peak for both meters at that time or however it is derived.
MEA~~PRQ~22~K1~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>22</b> , <i>Consumption</i> , Unit of Measure, <b>K1</b> , <i>Kilowatt Demand</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080901	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080901</b>
DTM~151~20081001	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20081001</b>
QTY~QD~2522~KH	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>2522</b> , Unit of measure <b>KH</b> , <i>Kilowatt Hour</i>
MEA~~PRQ~2522~KH~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: <b>2522</b> , <i>Consumption</i> , Unit of Measure, <b>KH</b> , <i>Kilowatt Hour</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080801	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080801</b>
DTM~151~20080901	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20080901</b>
QTY~QD~13~K1	Quantity Qualifier: <b>QD</b> , <i>Quantity Delivered</i> , Quantity <b>13</b> , Unit of measure <b>K1</b> , <i>Kilowatt Demand</i>
MEA~~PRQ~13~K1~~~51	Measurement Qualifier: <b>PRQ</b> , <i>Consumption</i> , Measurement Value: 13, <i>Consumption</i> , Unit of Measure, <b>K1</b> , <i>Kilowatt Demand</i> , Measurement Significance Code: <b>51</b> , <i>Total</i> .
DTM~150~20080801	Date Qualifier: 150, <i>Service Period Start</i> , Date <b>20080801</b>
DTM~151~20080901	Date Qualifier: 151, <i>Service Period End</i> , Date <b>20080901</b>
PTD~FG	Scheduling Determinants Loop
REF~BF~22	Reference Identifier: <b>BF</b> , <i>Billing Cycle</i> , <b>22</b> , <i>Billing Cycle</i>
QTY~KC~29~K1	Quantity Qualifier: <b>KC</b> , <i>Capacity Contribution</i> <b>29</b> , <i>Capacity Contribution</i> , Unit of Measure: <b>K1</b> , <i>Kilowatt Demand</i>

DTM~007~::~~RD8~20070601-20080531	Date Qualifier: 007, <i>Effective Dates</i> , Date Format: <b>RD8</b> , <i>Range</i> , Date <b>20070601-20080531</b>
QTY~KC~42~K1	Quantity Qualifier: <b>KC</b> , <i>Capacity Contribution</i> , <b>42</b> , <i>Transmission Contribution</i> , Unit of Measure: <b>K1</b> , Kilowatt Demand
DTM~007~::~~RD8~20080601-20090531	Date Qualifier: 007, <i>Effective Dates</i> , Date Format: <b>RD8</b> , <i>Range</i> , Date <b>20080601-20090531</b>
QTY~KZ~752~K1	Quantity Qualifier: <b>KZ</b> , <i>Transmission Contribution</i> , <b>752</b> , <i>Transmission Contribution</i> , Unit of Measure: <b>K1</b> , Kilowatt Demand
DTM~007~::~~RD8~20080601-20090531	Date Qualifier: 007, <i>Effective Dates</i> , Date Format: <b>RD8</b> , <i>Range</i> , Date <b>20080601-20090531</b>
SE~56~0008	