

# 810 Invoice

Functional Group ID=**IN**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

## 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>
M2	010	ST	Transaction Set Header	M	1		
M3	0200	BIG	Beginning Segment for Invoice	M	1		
5	0400	NTE	Note/Special Instruction	O	100		
	050	REF	Reference Identification	O	12		
LOOP ID - N1						200	
6	070	N1	Name	O	1		
	080	N2	Additional Name Information	O	2		
8	090	N3	Address Information	O	2		
9	100	N4	Geographic Location	O	1		
10	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	212	BAL	Balance Detail	O	>1		

## 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 - IT1						200000	
12	010	IT1	Baseline Item Data (Invoice)	O	1		
13	040	TXI	Tax Information	O	10		
	059	MEA	Measurements	O	40		
LOOP ID - PID						1000	
16	060	PID	Product/Item Description	O	1		
17	120	REF	Reference Identification	O	>1		
	150	DTM	Date/Time Reference	O	10		
LOOP ID - PID						1000	
	200	SLN	Subline Item Detail	O	1		
	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25		

## 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>
20	010	TDS	Total Monetary Value Summary	M	1		
20	080	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:** 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:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 810 Invoice	M ID 3/3
M	ST02	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

**Segment:** **BIG** Beginning Segment for Invoice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates  
**Semantic Notes:**

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

**Comments:**

- 1 BIG07 is used only to further define the type of invoice when needed.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BIG01	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
	BIG07	640	Transaction Type Code Code specifying the type of transaction FB Final Bill PR Product (or Service)	O ID 2/2
	BIG08	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 05 Replace	O ID 2/2

**Segment:** **NTE** Note/Special Instruction  
**Position:** 030  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 100  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Comments:** 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		ADD Additional Information	
		OTH Other Instructions	
NTE02	352	Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 REF04 contains data relating to the value cited in REF02  
**Comments:**  
**Notes:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			12 Billing Account	
			Account number under which billing is rendered	
			6P Group Number	
			Meter Read Group	
	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:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8R Consumer Service Provider (CSP) Customer 8S Consumer Service Provider (CSP)	<b>M ID 2/3</b>
	N102	<b>93 Name</b> Free-form name	<b>X AN 1/60</b>
	N103	<b>66 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 92 Assigned by Buyer or Buyer's Agent	<b>X ID 1/2</b>
	N104	<b>67 Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>

**Segment:** **N2** Additional Party Identification  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	
M	N201	93	Name Free-form name	M AN 1/60

**Segment:** **N3** Address Information  
**Position:** 090  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	
M	N301	166	Address Information Address Information	M AN 1/55



**Segment:** **N4** Geographic Location  
**Position:** 100  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**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**

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

**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify terms of sale  
**Semantic Notes:** 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.  
**Comments:** 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ITD06	446	Terms Net Due Date	O DT 8/8
		Date when total invoice amount becomes due express in format CCYYMMDD	

**Segment:** **BAL** Balance Detail  
**Position:** 212  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify the specific monetary balances associated with a particular account  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BAL01	951	<b>Balance Type Code</b> Code indicating the type of balance M Current Month P Previous Month CF Conversion Factor Balance of previous period charges prior to applying payments and adjustments for the previous period billing	M ID 1/2
M	BAL02	522	<b>Amount Qualifier Code</b> Code to qualify amount When BAL01 is M and BAL02 is J9, then the amount is the balance prior to current billing. When BAL01 is P and BAL02 is AAS, then the amount is the beginning credit amount. When BAL02 is RT then the amount is the last payment amount. AAS Surplus J9 Beginning Balance RT Last Payment	M ID 1/3
M	BAL03	782	<b>Monetary Amount</b> Monetary Amount	M R 1/18

**Segment:** **IT1** **Baseline Item Data (Invoice)**  
**Position:** 010  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

**Semantic Notes:** 1 IT101 is the purchase order line item identification.  
**Comments:** 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.  
 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
IT101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
IT106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SV Service Rendered	X ID 2/2
IT107	234	<b>Product/Service ID</b> Identifying number for a product or service ELECTRIC GAS	X AN 1/48
IT108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) C3 Classification	X ID 2/2
IT109	234	<b>Product/Service ID</b> Identifying number for a product or service CURRENTPERIOD Current Period Charges METERINFORMATION  OTHERCHARGES  TARIFF UNMET Unmetered Charges	X AN 1/48

**Segment:** **TXI** Tax Information  
**Position:** 040  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify tax information  
**Semantic Notes:**

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Tax Type Code</u>	<u>M</u> <u>ID</u> <u>2/2</u>
M	TXI01	963	
		Code specifying the type of tax	
		FR Franchise Tax	
		Tax imposed by municipality for the right to provide service	
		LO Local Tax (Not Sales Tax)	
		Service tax imposed on a local level	
		LT Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)	
		MP Municipal Tax	
		Service tax imposed by a municipality	
		NF Non-Utility Gas Franchise Fee	
		OT Occupational Tax	
		Tax Imposed on telecommunication companies for the right to provide service	
		SE State Excise Tax	
		Usage tax imposed by state of provincial government	
		SL State and Local Tax	
		State and Local tax funds, exclusive of State and Local Sales tax	
		ST State Sales Tax	
	TXI02	782 <b>Monetary Amount</b>	X R 1/18
		Monetary amount	
	TXI03	954 <b>Percent</b>	X R 1/10
		Percentage expressed as a decimal	
	TXI07	662 <b>Relationship Code</b>	O ID 1/1
		Code indicating the relationship between entities	
		A Add	

**Segment:** **MEA** Measurements

**Position:** 059

**Loop:** IT1 Optional

**Level:** Detail

**Usage:** Optional

**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)

**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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
MEA01	737	<b>Measurement Reference ID Code</b> Code identifying the broad category to which a measurement applies AA Meter reading-beginning actual/ending actual AE Meter reading-beginning actual/ending estimated CF Conversion Factor CF is used to denote electric meter multipliers and gas heat factor and pressure multipliers. EA Meter reading-beginning estimated/ending actual EE Meter reading-beginning estimated/ending estimated	O ID 2/2
MEA02	738	<b>Measurement Qualifier</b> Code identifying a specific product or process characteristic to which a measurement applies MU Multiplier UG Usage	O ID 1/3
MEA03	739	<b>Measurement Value</b> The value of measurement	X R 1/20
MEA04	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	X
M	C00101	<b>355 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 BY British Thermal Unit (BTU) The BY multiplier is the heating factor used to calculate therms for gas usage when MEA02 is "MU" HH Hundred Cubic Feet 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	M ID 2/2

		K3	Kilovolt Amperes Reactive Hour Represents actual electricity equivalent to kilowatt hours; billable when usage meets or exceeds defined parameters		
		KH	Kilowatt Hour		
		TD	Therms		
<b>MEA05</b>	<b>740</b>	<b>Range Minimum</b>		<b>X</b>	<b>R 1/20</b>
		The value specifying the minimum of the measurement range			
		Beginning Reading			
<b>MEA06</b>	<b>741</b>	<b>Range Maximum</b>		<b>X</b>	<b>R 1/20</b>
		The value specifying the maximum of the measurement			
		Ending Reading			
<b>MEA07</b>	<b>935</b>	<b>Measurement Significance Code</b>		<b>O</b>	<b>ID 2/2</b>
		Code used to benchmark, qualify or further define a measurement value			
		41	Off Peak		
		42	On Peak		
		51	Total		
		66	Sales		
			This value is designated by the UIG to mean a Shoulder Value		
		67	Final List		
			This value is designated by the UIG to mean Non Tim-Related Demand		

**Segment:** **PID** Product/Item Description  
**Position:** 060  
**Loop:** PID Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To describe a product or process in coded or free-form format  
**Semantic Notes:**

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID94. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

**Comments:**

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	M ID 1/1
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80



**Segment:** **REF** Reference Information  
**Position:** 120  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>M</b>	<b>REF01</b>	<b>128 Reference Identification Qualifier</b> Code qualifying the Reference Identification MG Meter Number NH Rate Card Number	<b>M ID 2/3</b>
	<b>REF02</b>	<b>127 Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X AN 1/80</b>

**Segment:** **DTM** Date/Time Reference  
**Position:** 150  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Semantic Notes:**  
**Comments:**  
**Notes:**

**Data Element Summary**

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

**Segment:** **SLN** Subline Item Detail

**Position:** 200

**Loop:** SLN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify product subline detail item data

**Semantic Notes:**

- 1 SLN01 is the identifying number for the subline item.
- 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
- 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
- 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

**Comments:**

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
- 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Notes:** Each SLN loop will contain only one SAC and TXI. Multiple charges / allowances require multiple SLN loops.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
M	SLN03	662	<b>Relationship Code</b> Code indicating the relationship between entities A Add	M ID1/1

**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information  
**Position:** 230  
**Loop:** SLN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.  
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 7 SAC16 is used to identify the language being used in SAC15.
- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

#### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	SAC01	248	<b>Allowance or Charge Indicator</b>	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
		A	Allowance	
		C	Charge	
		N	No Allowance or Charge	
	SAC03	559	<b>Agency Qualifier Code</b>	X ID 2/2
			Code identifying the agency assigning the code values	
		EU	Electric Utilities	
		GU	Natural Gas Utilities	
	SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge	
			All codes used in this element are stated by the UIG	
		ADJ000	Other Adjustments	
		ADJ001	Cost associated with deregulation	
		ADJ002	Energy Adjustment	
		BAS001	Basic Service, either gas or electric	
		CRE001	Credit Item	
		CRE004	Credit for Customer-owned Transformer	
		DIS002	Gas Delivery Charge	

DIS003	Interstate Transport Charge
DMD001	Demand Charge
DMD002	Contract Demand Charge
DMD004	Reactive Demand Charge
DMD006	Off Peak Demand Charge
DMD007	On Peak Demand Charge
DMD028	Demand Charge – Gas
ENC000	Gas Supply Charge
ENC001	Energy Charge – Electric
ENC003	Off Peak Charge
ENC021	Bundled energy and commodity charge
ENC038	Above Baseline Energy Charge
ENC039	On Peak Charge
ENC042	Shoulder
FAC001	Equipment and Service Charge
FUE001	Fuel Adjustment
IBC000	Imbalance Charge
ITA001	Income Tax Adjustment (Gas)
ITA002	Income Tax Adjustment (Electric)
LPC001	Late Charges
MAD001	Minimum Bill
MSC000	Taxes and other Charges
MSC001	Charge not covered under any other category
MSC024	Public Assistance and Energy Efficiency Charge
MSC025	Nuclear Decommissioning Charge
MSC039	Balancing Services
ODL001	Outdoor Lighting
ODL002	Street Lighting
ODL003	Traffic Signals
ODL005	Outdoor Lighting – Facilities
ODL006	Outdoor Lighting – Extra Span Charge
PEA001	Purchased Electric Charge Adjustment
PEC001	Purchased Electric Charge
PRE001	Purchased Renewable Energy Adjustment
PZE001	Purchased Zero Emissions Adjustment
RES001	Reservation Charge
SER001	Charge for establishing an Account
SER007	Charge for changing Account Information
SER008	Special Metering Fee
SER136	Extraordinary Maintenance Activity
SUR002	Local Surcharge
TRN002	Transmission Cost of Service Correction Factor

<b>SAC05</b>	<b>610</b>	<b>Amount</b> Monetary amount	<b>O</b>	<b>N2 1/15</b>
<b>SAC08</b>	<b>118</b>	<b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified	<b>O</b>	<b>R 1/9</b>
<b>SAC09</b>	<b>355</b>	<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 UN                      Unit	<b>X</b>	<b>ID 2/2</b>
<b>SAC10</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>X</b>	<b>R 1/15</b>
<b>SAC15</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>X</b>	<b>AN 1/80</b>

**Segment:** **TDS** Total Monetary Value Summary  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the total invoice discounts and amounts  
**Semantic Notes:**

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

**Comments:**

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	TDS01	610 Amount Monetary amount	M N2 1/15

**Segment:** **SE** Transaction Set Trailer  
**Position:** 080  
**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)

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE	M N0 1/10
M	SE02	329	<b>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	M AN 4/9