

TENNESSEE GAS PIPELINE COMPANY

**Invoice Related Standards
EDI
Implementation Guide
Supplement**

Draft Until Completion of Pre-Production Testing

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Tennessee Gas Pipeline

EDI Implementation Guide Supplement

For those customers using EDI, this supplement describes how to map the GISB dataset when you exchange information in an electronic format. The supplement is designed to be used with the *GISB Implementation Guide*. The *GISB Guides* contain the necessary information to prepare ANSI ASC X12 mappings of the datasets to exchange. The Tennessee supplement provides Tennessee business practices and includes tables indicating data elements and code values applicable to the way business is conducted on the Tennessee pipelines — Tennessee Gas Pipeline (TGP), East Tennessee Natural Gas Pipeline (ETN) and Midwestern Gas Transmission (MGT). Where Tennessee does not deviate from the GISB Standards, data element code values are not included.

Any questions about information contained in this supplement should be directed to your Tennessee Gas Pipeline Customer Service Representative.

Invoice Related Standards

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Transportation/Sales Invoice — 3.4.1

Technical Implementation of Business Process

An invoice is the communication between companies that itemizes goods shipped or services rendered and specifies the price and term of the transaction. It also serves as a request for payment and documents that goods have been provided or services have been performed. The types of transactions invoiced in the natural gas industry include gas sales and gas transportation.

The invoice is identified by the **invoice identifier**. This is a code assigned by the originator of the invoice and is a point of reference for communications regarding the invoice. An invoice uniquely identifies a single **invoice date, account number, contact person, service requester, payee, billable party, remittance address and net due date**.

There may be multiple **service requester contract numbers** and **effective dates** (beginning transaction date, ending transaction date) on a single invoice.

For each unique combination of service requester contract number and effective date, there may be one or more lines of detail. Each detail is identified by a line number. For a line number, there may be a single **quantity, unit price, delivery location and delivery zone, amount, service code, charge indicator, location indicator, charge type, receipt location and receipt zone, and replacement party ID**.

All of the details for each invoice are summarized into a **total invoice amount**.

*In addition, please note that TGP, ETN, and MGT's printed invoices will include the past due balance, but the EDI invoices will not. The EDI and printed **Statement of Account** will provide the detail for the past due balance.*

DATA ELEMENTS**3.4.1 IN - Transportation/Sales Invoice**

Business Name	Definition	IN use	Condition	Tennessee Gas Pipeline Comments
Account Number	Number identifying customer account.	SO		When TGP, ETN, or MGT is the sender, this data element will be used.
Adjustment Type	Indicates whether a prior period adjustment is processed as a reversal, restatement or net.	MA		TGP, ETN, MGT will NOT use this data element. PPAs will include a reversal and restatement.
Amount Due	Monetary amount due for each line item.	M		
Associated Contract		C	Mandatory when submitted in the nomination and when Associated Contract is not used for storage balancing.	Not used in Nomination or Invoice.
Beginning Transaction Date	Where the transaction began during the invoice period, the Month, Day, and Year. Where the transaction began during a prior invoice period, the beginning of the subject invoice period.	M		
Beginning Transaction Time	Where the transaction began during the invoice period, the time. Where the transaction began during a prior invoice period, the beginning of the subject invoice period. If the beginning transaction time is not sent, the time defaults to the beginning of the gas day.	M		
Billable Party (Payer)*	The party being billed.	M		
Charge Indicator	Specifies whether the invoice charge is based at receipt or delivery point. Default is delivery point.	M		TGP, ETN, MGT will use the default.
Charge Type	Identifies the type of charge rendered under a specific type of service.	MA		TGP, ETN, MGT will use.

Business Name	Definition	IN use	Condition	Tennessee Gas Pipeline Comments
Contact Person	The name and telephone number of the contact for questions regarding the statement information.	MA		TGP, ETN, MGT will use.
Currency	The monetary unit of exchange.	BC	Based on billing party and remitting party transacting business under different currencies.	TGP, ETN, MGT will NOT use this data element since all business is transacted in US currency.
Delivery Location *	The location where the quantity will be scheduled for delivery by the transportation service provider.	C	Based upon Service Code.	The presence of this data element will be determined by the location indicator.
Delivery Zone	The geographic zone where the product is delivered off the transporter's system.	BC	Based upon rate structure of transportation service provider.	The presence of this data element will be determined by the location indicator.
Effective Exchange Date	The effective date for the rate of exchange used to convert the currency.	BC	Based on billing party and remitting party transacting business under different currencies.	TGP, ETN, MGT will NOT use this data element since all business is transacted in US currency.
Electronic Funds Transfer Address	Address that electronic funds should be sent.	BC		TGP, ETN, MGT will use this data element to include the ABA and bank account numbers for wire transfers.
Electronic Funds Transfer Due Date	Invoice Due Date for parties paying the invoice in electronic funds.	BC		TGP, ETN, MGT will NOT use this data element since the due date is the same for all types of remittance.
Ending Transaction Date	Where the transaction ended during the invoice period, the Month, Day, and Year. Where the transaction is continuing as of the end of the invoice period, the end of the subject invoice period.	M		

Business Name	Definition	IN use	Condition	Tennessee Gas Pipeline Comments
Ending Transaction Time	Where the transaction ended during the invoice period, the time. Where the transaction is continuing as of the end of the invoice period, the end of the subject invoice period. If the ending transaction time is not sent, the time defaults to the end of the gas day.	M		
Exchange Rate	The rate of exchange to be used for currency conversion.	BC	Based on billing party and remitting party transacting business under different currencies.	TGP, ETN, MGT will NOT use this data element since all business is transacted in US currency.
Invoice Date	The month, day and year the invoice is prepared.	M		
Invoice Identifier	Unique identification code assigned by the preparer.	M		
Invoice Total Amount	Total amount due.	M		
Line Number	A number assigned to each line in the invoice document.	M		
Location Indicator	This code along with the service code determines the level of detail to be mapped for a specific transaction.	M		
Net Due Date	The month, day and year the invoice payment funds are to be made available to the seller by the buyer.	M		
Package ID	Service Requester assigned identification number used to track packages of gas.	MA		TGP, ETN, MGT will NOT use this data element.
Payee	The party billing the purchaser/shipper for gas/transportation.	M		

Business Name	Definition	IN use	Condition	Tennessee Gas Pipeline Comments
Previous Invoice Identifier	The invoice being corrected.	MA		TGP, ETN, MGT will NOT use this data element since it is currently defined in the header information and would result in numerous EDI invoices to the customer in the same month.
Price Tier	The price tier used.	BC	Based upon rate structure of transportation service provider.	TGP, ETN, MGT will NOT use this data element. Tiered pricing appears on the hard copy detail support for cash out transactions.
Quantity	The product quantity in standard units.	C	Based on Service Code.	For TGP, ETN, MGT, the presence of a quantity is based upon internal types-of-charge.
Receipt Location *	The location where the quantity will be scheduled for receipt by the transportation service provider.	C	Based on Service Code.	The presence of this data element will be determined by the location indicator.
Receipt Zone	The geographic zone where the product is received on the transporter's system.	BC	Based upon rate structure of transportation service provider.	The presence of this data element will be determined by the location indicator.
Remittance Address	Address to which payment of an invoice should be made.	SO		When TGP, ETN, or MGT is the sender, the remittance address for wires will be sent.
Replacement Party Identifier*	Identifies the replacement party used in capacity releasing.	C	Based on Service Code.	For TGP, ETN, MGT, the presence of the replacement party identifier is based upon internal types-of-charge.
Replacement Release Code	The release code used to identify the specific capacity release transaction.	MA		TGP, ETN, MGT will NOT use this data element.
Service Code	Identifies the type of service rendered under the contract.	M		
Service Requester Contract Number	The contract number of the invoicing party.	M		
Service Requester *	Identifies the party requesting the service, or their agent.	MA		TGP, ETN, MGT will use.
Tax Identification Code	Code assigned by government recognizing a business entity.	BC	Determined by government reporting requirements.	TGP, ETN, MGT will NOT use this data element.
Unit Price	Rate or price charged per unit of product or service.	C	Based on Service Code.	For TGP, ETN, MGT, the presence of a unit price is based upon internal types-of-charge.

* Industry Common Code

TRANSACTION SET TABLES**SI 1000/234 Pairs (Detail - HL03 = '9')**

Element Name	Usage	Elem 1000	Elem 234	Description
Service Code	M	SC	FT	Firm Transportation
			IT	Interruptible Transportation
			7C	7(C) Transportation
			FS	Firm Storage
			IS	Interruptible Storage
			PL	Pooling
			SF	Small Customer Firm Transportation
			OB	Operational Balancing
			PT	Plant Thermal Reduction
Location Indicator	M	LI	PRPDZRZD	Receipt point, delivery point, receipt zone, and delivery zone
			XXPDXXZD	Delivery point and delivery zone
			XXXXXXXX	No point or zone information
Charge Indicator	M	CI	D	Delivery — TGP, ETN, MGT will use default of "D".
Charge Type	MA	CG	AOS	Authorized Overrun
			BCO	Balancing Cash Outs
			BCP	Balancing Cash Out Penalties
			CCC	Capacity Constraint Credit
			CMP	Compression Charge
			COF	Fuel Charge
			COT	Transportation Commodity
			DBC	Direct Bill
			ETD	Extended Delivery
			INT	Interest Charge
			LPC	Late Payment Charge
			PRE	Prepayment
			RC1	Released Capacity — Demand Credit
			RD1	Reservation/Demand D1
			SCP	Scheduling Penalties
			SIC	Storage Inventory Charge
			STI	Storage Injections Charge
			STR	Storage Reservation Charge
			STW	Take or Pay Fixed Charge
TPS	Take or Pay Surcharge			
UOS	Unauthorized Overrun Charges			

Where Tennessee does not deviate from GISB Standards, data element code values are not included. These lists are subject to change pending approval of additional codes by GISB.

Payment Remittance — 3.4.2

Technical Implementation of Business Process

The payment remittance statement is used by the payer to communicate the allocation of a payment to the payee.

When a customer disputes an invoice, the remittance statement will communicate details of the dispute to the service provider. The portion of the invoice which is not in dispute should be paid. In the event of a dispute, the remittance statement should include the appropriate supporting data and should reference the invoice identifier and invoice detail line numbers of the items disputed.

The payment remittance contains a single **account number**. *For that account number there may be one remittance number, payment date, service requester, billable party, remitting party, and contact person.*

There may be multiple invoices being disputed on a single payment remittance statement. The invoice identifier for each of the invoices must be provided. *For each invoice, there will be one paid amount to reflect the total being paid on the invoice.*

Each invoice may have one or more lines of detail. For each detail line, the line number from the original invoice is included. This will provide a reference between the original invoice and the payment remittance statement. *With the line number, unit price paid, amount paid on the disputed line, and quantity paid are reflected.*

DATA ELEMENTS

3.4.2 PR - Payment Remittance

Business Name	Definition	PR use	Condition	Tennessee Gas Pipeline Comments
Account Number	Number identifying customer account.	C	Mandatory when sent in the Invoice.	TGP, ETN, and MGT will accept.
Amount Paid on Disputed Line		C	Mandatory if line number exists.	
Billable Party (Payer)	The party being billed.	M		
Contact Person	The name and telephone number of the contact for questions regarding the statement information.	M		
Currency	The monetary unit of exchange.	BC	Based on billing party and remitting party transacting business under different currencies.	Not used
Effective Exchange Date	The effective date for the rate of exchange used to convert the currency.	BC	Based on billing party and remitting party transacting business under different currencies.	Not used
Exchange Rate	The rate of exchange to be used for currency conversion.	BC	Based on billing party and remitting party transacting business under different currencies.	Not used
Invoice Identifier	Unique identification code assigned by preparer of invoice.	M		Invoice number
Line Number	A number assigned to each line in the invoice document.	SO	Mandatory if disputing an invoice line.	
Paid Amount	Amount paid.	M		This occurs at the invoice level.
Payment Date	The month, day and year the payment was made.	M		
Price Tier	The price tier used.	BC	This data element is deleted in version 1.2.	Not used
Quantity Paid	The product quantity in standard units.	SO	Mandatory if this element is in dispute.	
Remittance Address	Address to which payment of an invoice should be made.	BC	Based upon multiple remittance addresses by the service provider.	Not used

Business Name	Definition	PR use	Condition	Tennessee Gas Pipeline Comments
Remittance Number	The number associated with the remittance such as check, wire transfer, EFT number.	M		
Remitting Party *	The party making payment. Default is the billable party.	M		
Service Requester *	Identifies the party requesting the service, or their agent.	MA		TGP, ETN, and MGT will accept.
Unit Price Paid	Rate or price charged per unit of product or service.	SO	Mandatory if this element is in dispute.	

* Industry Common Code

TRANSACTION SET TABLES

NONE

Where Tennessee does not deviate from GISB Standards, data element code values are not included. These lists are subject to change pending approval of additional codes by GISB.

Statement of Account — 3.4.3

Technical Implementation of Business Process

The statement of account is used by an invoicing party to indicate the payment status of an invoice, including any additional interest or penalties that have been incurred. The statement of account when provided summarizes the amounts that the service provider has invoiced, prior period adjustments that have been made, the remaining amounts owed, and the applicable interest or penalties, if any.

Each statement of account reflects a single **account number, statement date/time, service requester, billable party, remittance address, and contact**. The billable party at this location in the statement of account reflects the party to whom the statement is being sent.

For each billable party in a statement of account, there may be many lines of detail. The line of detail reflects the **invoice identifier, amount due, invoiced amount, and due date**.

DATA ELEMENTS**3.4.3 SA - Statement Of Account**

Business Name	Definition	SA use	Condition	Tennessee Gas Pipeline Comments
Account Number	Number identifying customer account.	MA		TGP, ETN, MGT will use.
Amount Due	Monetary amount due for each line item.	M		
Billable Party (Payer)	The party being billed.	M		
Contact Person	The name and telephone number of the contact for questions regarding the statement information.	M		
Currency	The monetary unit of exchange.	BC	Based on billing party and remitting party transacting business under different currencies.	TGP, ETN, MGT will NOT use the data element since all business is transacted in US currency.
Due Date	The month, day and year the payment was due.	M		
Effective Exchange Date	The effective date for the rate of exchange used to convert the currency.	BC	Based on billing party and remitting party transacting business under different currencies.	TGP, ETN, MGT will NOT use this data element since all business is transacted in US currency.
Exchange Rate	The rate of exchange to be used for currency conversion.	BC	Based on billing party and remitting party transacting business under different currencies.	TGP, ETN, MGT will NOT use this data element since all business is transacted in US currency.
Invoice Identifier	Unique identification code assigned by preparer of invoice.	M		
Invoice Date	The month, day and year the invoice is prepared.	SO		When TGP, ETN, or MGT is the sender, this data element will NOT be used.
Invoiced Amount	Amount originally invoiced.	SO		When TGP, ETN, or MGT is the sender, this data element will be used.
Paid Amount	Amount paid.	SO		When TGP, ETN, or MGT is the sender, this data element will NOT be used.

Business Name	Definition	SA use	Condition	Tennessee Gas Pipeline Comments
Remittance Address	Address to which payment of an invoice should be made.	SO		When TGP, ETN, or MGT is the sender, the remittance address for checks will be sent.
Service Requester*	Identifies the party requesting the service, or their agent.	MA		TGP, ETN, MGT will use this data element.
Statement Date/Time	Date and time the statement was produced.	M		

* Industry Common Code

TRANSACTION SET TABLES

NONE

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