

Transaction Confirmation for Short-Term Sale and Purchase of Natural Gas

| Field Display Names | XML names | Definition | Attribute / Element | Element Name | Schema Location | Valid Information in Field (enumeration) / Date Type | Field Length | Occurrences Min/Max |
|----------------------------------|--------------------------------|---|---------------------|--------------------------|-----------------|--|--------------|---|
| PIPE Document | PIPEDocument | Document type name, stands for Participant Interface Process for Energy. | | PIPEDocument | | N/A | N/A | 1 PIPE Document per PIPE Document |
| XML Name Space | xmlns | Uniquely identifies the XML name space. | A | PIPEDocument | | A/N | 30 | 1/1 |
| XML Name Space Schema Instance | xmlns:xsi | Defines the schema instance being used. | A | PIPEDocument | | A/N | 30 | 1/1 |
| XML Schema Instance location | xsi:schemaLocation | Associates the actual schema instance being used to the name space. | A | PIPEDocument | | A/N | 30 | 1/1 |
| Version | Version | Identifies the version of the PIPEDocument schema. | A | PIPEDocument | | A/N | 5 | 1/1 |
| Document Reference Number | DocumentReferenceNumber | Uniquely identifies this PIPEDocument. | A | PIPEDocument | | A/N | 30 | 1/1 |
| Creation Date and Time | CreationDate | System date and time stamp of when the transaction is generated. | A | PIPEDocument | | Date (yyyymmddhhmssmsstz) | 19 | 1/1 |
| Sender_Receiver Directory | Sender_ReceiverDirectory | Contains tags that define all the Sender_Receiver involved in the particular PIP transaction. | E | Sender_ReceiverDirectory | | (see Sender_Receiver Directory data structure) | N/A | 1/1 |
| PIP Transaction | PIPTransaction | Indicates the beginning of a PIP transaction. | E | PIPTransaction | | (see PIP Transaction data structure) | N/A | 1 or more |
| Sender_Receiver Directory | Sender_ReceiverDirectory | Contains tags that define the Sender and Receiver involved in the particular PIP transaction. | | Sender_ReceiverDirectory | | N/A | N/A | 1 Sender_Receiver Directory per PIPE Document |
| From | From | Used to identify the sender of the PIPE document. | E | From | | (see From data structure) | N/A | 1/1 |
| To | To | Used to identify the recipient of the PIPE document. | E | To | | (see To data structure) | N/A | 1/1 |
| From | From | Used to identify the sender of the PIPE document. | | From | | N/A | N/A | 1 From per Sender_Receiver Directory |
| Sender_Receiver | Sender_Receiver | Identifies the Sender_Receiver. | E | Sender_Receiver | | (see Sender_Receiver data structure) | N/A | 1/1 |
| To | To | Used to identify the recipient of the PIPE document. | | To | | N/A | N/A | 1 To per Sender_Receiver Directory |
| Sender_Receiver | Sender_Receiver | Identifies the Sender_Receiver. | E | Sender_Receiver | | (see Sender_Receiver data structure) | N/A | 1/1 |
| Sender_Receiver | Sender_Receiver | Identifies the Sender_Receiver. | | Sender_Receiver | | N/A | N/A | 1 Sender_Receiver per From and 1 per To |
| Party Name | PartyName | Tag used to define the name of the Party. | E | PartyName | | A/N | 60 | 1/1 |
| Dun and Bradstreet Number | DUNSNumber | Tag used to uniquely identify a company. | E | DUNSNumber | | A/N | 13 | 1/1 |
| PIP Transaction | PIPTransaction | Indicates the beginning of a PIP transaction. | | PIPTransaction | | N/A | N/A | 1 or more PIP Transaction per PIPE Document |
| Transaction Reference Identifier | TransactionReferenceIdentifier | Uniquely identifies this PIP transaction. | A | PIPTransaction | | A/N | 80 | 1/1 |

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|--|-------------------------------|---|---------------------|---------------------------|-----------------|--|--------------|--|
| Transaction Confirmation (purpose of transaction) | TransactionConfirmation | Tag used to nest all data relevant to transaction confirmation for short-term sale and purchase of Natural Gas. | E | TransactionConfirmation | | (see transaction confirmation data structure) | N/A | 1/1 |
| Transaction Confirmation (purpose of transaction) | TransactionConfirmation | Tag used to nest all data relevant to transaction confirmation for short-term sale and purchase of Natural Gas. | | TransactionConfirmation | | N/A | N/A | 1 Transaction Confirmation per PIP Transaction |
| Buyer Information | BuyerInformation | Tag used to nest all relevant Buyer Information | E | BuyerInformation | | (see Buyer Information data structure) | N/A | 1/1 |
| Seller Information | SellerInformation | Tag used to nest all relevant Seller Information | E | SellerInformation | | See Seller Information data structure) | N/A | 1/1 |
| Confirmation Information | ConfirmationInformation | Tag used to hold all the information relevant to confirmation information | E | ConfirmationInformation | | (see Confirmation Information data structure) | N/A | 1/1 |
| Signature Directory | SignatureDirectory | Used to specify the signature directory | E | SignatureDirectory | | (see Signature Directory data structure) | N/A | 1/1 |
| Buyer Information | BuyerInformation | Tag used to nest all relevant Buyer Information | | BuyerInformation | | N/A | N/A | 1/1 |
| Buyer Data | BuyerData | Tag used to nest all relevant Buyer Data | E | BuyerData | | (see Buyer Data structure) | N/A | 1/1 |
| ContactInformationWithAddress | ContactInformationWithAddress | A generic tag used to define the contact information. | E | ContactInformation | | (see Contact Information data structure) | N/A | 0 or more |
| Transporter | Transporter | Identifies the transporter for this contract. | E | Transporter | | A/N | 30 | 0/1 |
| Transporter Contract Number | TransporterContractNumber | Identifies the transporter contract number | A | Transporter | | A/N | 30 | 0/1 |
| Buyer Data | BuyerData | Tag used to nest all relevant Buyer Data | E | BuyerData | | N/A | N/A | 1/1 |
| Buyer Name | Buyer Name | A generic tag used to define the full name of a Party. | E | BuyerName | | A/N | 60 | 0/1 |
| Contract Number | ContractNumber | Identifies the base contract number. | E | ContractNumber | | A/N | 30 | 1/1 |
| Contract Type | ContractType | Identifies the type of contract | A | ContractNumber | | { Base, Transportation, UpStream, DownStream, Service, Purchase, Sales, Confirmation } | 30 | 1/1 |
| Dun and Bradstreet Number | DUNSNumber | Tag used to uniquely identify a company. | E | DUNSNumber | | A/N | 13 | 1/1 |
| Federal Tax ID | FederalTaxId | Federal Tax ID | E | FederalTaxId | | A/N | 9 | 0/1 |
| Seller Information | SellerInformation | Tag used to nest all relevant Seller Information | | SellerInformation | | N/A | N/A | 1/1 |
| Seller Data | SellerData | Tag used to nest all relevant Seller Data | E | SellerData | | (see Seller Data structure) | N/A | 1/1 |
| ContactInformationWithAddress | ContactInformationWithAddress | A generic tag used to define the contact information. | E | ContactInformation | | (see Contact Information data structure) | N/A | 0 or more |
| Transporter | Transporter | Identifies the transporter for this contract. | E | Transporter | | A/N | 30 | 0/1 |
| Transporter Contract Number | TransporterContractNumber | Identifies the transporter contract number | A | TransporterContractNumber | | A/N | 30 | 0/1 |
| Seller Data | SellerData | Tag used to nest all relevant Seller Data | E | SellerData | | N/A | N/A | 1/1 |
| Seller Name | SellerName | A generic tag used to define the full name of a Party. | E | SellerName | | A/N | 60 | 0/1 |
| Contract Number | ContractNumber | Identifies the base contract number. | E | ContractNumber | | A/N | 30 | 1/1 |

Transaction Confirmation for Short-Term Sale and Purchase of Natural Gas

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|---------------------------------------|-------------------------------|---|---------------------|-------------------------------|-----------------|--|--------------|--|
| Contract Type | ContractType | Identifies the type of contract | A | ContractNumber | | { Base, Transportation, UpStream, DownStream, Service, Purchase, Sales, Confirmation } | 30 | 1/1 |
| Dun and Bradstreet Number | DUNSNumber | Tag used to uniquely identify a company. | E | DUNSNumber | | A/N | 13 | 1/1 |
| Federal Tax ID | FederalTaxId | Federal Tax ID | E | FederalTaxId | | A/N | 9 | 0/1 |
| Contact InformationWithAddress | ContactInformationWithAddress | Tag used to nest all relevant contact informatin | E | ContactInformation | | N/A | N/A | 0 or more |
| Type of Contact | TypeOfContact | Identifies the type of contact being listed. | E | TypeOfContact | | { Payment Invoice Contract Signature } | 15 | 1 or more |
| Full Name | FullName | Identifies the full name or a person | E | FullName | | A/N | 60 | Either Full Name or Last name must be sent |
| Last Name | LastName | Identifies the last name of a person. | E | LastName | | A/N | 20 | Either Full Name or Last name must be sent |
| First Name | FirstName | Identifies the first name of a person. | E | FirstName | | A/N | 20 | 0/1 |
| Middle Name | MiddleName | Identifies the middle name of a person. | E | MiddleName | | A/N | 20 | 0/1 |
| Prefix | Prefix | Identifies the prefix of a person | E | Prefix | | A/N | 10 | 0/1 |
| Suffix | Suffix | Identifies the suffix of a person | E | Suffix | | A/N | 10 | 0/1 |
| Title of person | Title | Identifies the title of a company | E | Title | | A/N | 20 | 0/1 |
| Telephone Number | TelephoneNumber | Indicates the telephone number for contact information. | E | TelephoneNumber | | A/N | 15 | 0/1 |
| Email | Email | Indicates the e-mail address for contact information. | E | Email | | A/N | 60 | 0/1 |
| Fax Number | FaxNumber | Indicates the fax number for contact information. | E | FaxNumber | | A/N | 15 | 0/1 |
| Address | Address | Indicates the address | E | Address | | (see Address data structure) | N/A | 0/1 |
| Confirmation Information | ConfirmationInformation | Tag used to hold all the information relevant to confirmation information | | ConfirmationInformation | | N/A | N/A | 1 or more |
| Confirmation Date | ConfirmationDate | Indicates the date of the confirmation | E | ConfirmationDate | | A/N | 8 | 1/1 |
| Transaction Confirmation Number | TransactionConfirmationNumber | Indicates transaction confirmation number | E | TransactionConfirmationNumber | | A/N | 30 | 1/1 |
| Contract Date | ContractDate | Date the base contract is entered into | E | ContractDate | | ccyymmdd | 8 | 1/1 |
| Delivery Period Start Date | DeliveryPeriodStartDate | Indicates the beginning of the delivery period. | E | Delivery Period Start Date | | ccyymmdd | 8 | 1/1 |
| Delivery Period End Date | DeliveryPeriodEndDate | Indicates the ending of the delivery period. | E | Delivery Period End Date | | ccyymmdd | 8 | 1/1 |
| Contract Price | ContractPrice | Indicates the contract price for the delivery | E | ContractPrice | | R | 15 | 1/1 |
| Unit of Measure | UnitOfMeasure | Indicates the unit of measure | E | UnitOfMeasure | | Enumerated { GIGAjoules, MMBTU, GIGACalories } | 12 | 1/1 |
| Currency | Currency | Type of currency | E | Currency | | Enumerated {USD , CAD , MXN } | 3 | 1/1 |
| Fixed Quantity | FixedQuantity | Indicates the amount of fixed quantity being delivered on a daily basis. | E | FixedQuantity | | N | 8 | 0/1 |
| Minimum Variable Quantity | MinimumVariableQuantity | Indicates the minimum amount of variable quantity being delivered on a daily basis. | E | MinimumVariableQuantity | | N | 15 | 0/1 |

Transaction Confirmation for Short-Term Sale and Purchase of Natural Gas

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|-----------------------------|-------------------------|---|---------------------|-------------------------|-----------------|--|-----------------|---|
| Maximum Variable Quantity | MaximumVariableQuantity | Indicates the maximum amount of variable quantity being delivered on a daily basis. | E | MaximumVariableQuantity | | N | 15 | 0/1 |
| Section 4.2 | Section4.2 | Indicates who elects subject to Section 4.2. | E | Section4.2 | | Enumerated { Buyer Seller } | 15 | 0/1 |
| Interruptible | Interruptible | Indicates the maximum amount of daily quantity that can be interruptible. | E | Interruptible | | N | 15 | 0/1 |
| Delivery Information | DeliveryInformation | Indicates the location of delivery | E | DeliveryInformation | | (see Delivery Information data structure) | N/A | 1/1 |
| Special Provision | SpecialProvision | Free form text for special provision that needs to be shared. | E | Special Provision | | A/N | 8000 / or Xlink | 0/1 |
| Address | | | | | | | | |
| Address | Address | Used to specify the address | | Address | | N/A | N/A | 0 or 1 Address per Contact Information |
| Street Address | StreetAddress | Indicates the street address for the address. | E | StreetAddress | | A/N | 35 | 1/2 |
| Unit Number | UnitNumber | Indicates optional unit for the address | E | UnitAddress | | A/N | 10 | 0/1 |
| City | City | Indicates the city for the address. | E | City | | A/N | 30 | 1/1 |
| State | State | Indicates the state or the province for the address. | E | State | | A/N | 2 | 1/1 |
| Postal code | PostalCode | Indicates the zip or postal code for the address. | E | PostalCode | | A/N | 10 | 0/1 |
| Country Code | CountryCode | Indicates the country code for the address. | E | CountryCode | | A/N | 3 | 0/1 |
| Address Attention | AddressAttention | Indicates the address attention for the address. | E | AddressAttention | | A/N | 30 | 0/1 |
| Delivery Information | | | | | | | | |
| Delivery Information | DeliveryInformation | Indicates the location of delivery | E | DeliveryInformation | | (see Delivery Information data structure) | N/A | 1/1 |
| Delivery Location Number | DeliveryLocationNumber | Indicates the delivery location identification number | E | DeliveryLocationNumber | | A/N | 30 | 1/1 |
| Location Type | LocationType | Indicates the type of location | A | LocationType | | { Receipt Delivery } | 10 | 1/1 |
| Identifier Type | IdentifierType | Indicates what type of identifier | A | IdentifierType | | { GISBDRN TSPProprietaryCode } | 20 | 1/1 |
| Signature Directory | | | | | | | | |
| Signature Directory | SignatureDirectory | Used to specify the signature directory | E | SignatureDirectory | | N/A | N/A | 1 Signature Directory per Transaction Confirmation |
| Buyer Signature | BuyerSignature | Used to specify the buyer's signature information | E | BuyerSignature | | (see Buyer Directory data structure) | N/A | Either Buyer or Seller must be sent |
| Seller Signature | SellerSignature | Used to specify the seller's signature information | E | SellerSignature | | (see Seller Directory data structure) | N/A | Either Buyer or Seller must be sent |
| Buyer Signature | | | | | | | | |
| Buyer Signature | BuyerSignature | Used to specify the buyer's signature information | E | BuyerSignature | | N/A | N/A | 1 Buyer or Seller Signature per Signature Directory |
| Signature Information | SignatureInformation | Used to specify the signature information | E | SignatureInformation | | See Signature Information Data Structure) | N/A | 1/1 |

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|------------------------------|----------------------|--|---------------------|----------------------|-----------------|--|--------------|--|
| Seller Signature | SellerSignature | Used to specify the seller's signature information | E | SellerSignature | | N/A | N/A | 1 Buyer or Seller Signature per Signature Directory |
| Signature Information | SignatureInformation | Used to specify the signature information | E | SignatureInformation | | See Signature Information Data Structure) | N/A | 1/1 |
| Signature Information | SignatureInformation | Used to specify the signature information | E | SignatureInformation | | SignatureInformation.xsd | N/A | 1 Signature Information per Buyer Signature and 1 per Seller Signature |
| Party Name | PartyName | A generic tag used to define the full name of a Party. | E | PartyName | | A/N | 30 | 1/1 |
| Full Name | FullName | Identifies the full name of a person | E | FullName | | A/N | 30 | 0/1 |
| Title of person | Title | Identifies the title of a person | E | Title | | A/N | 20 | 0/1 |