

PIPE to PIP Source Info - Implementation Guide for Ontario v1.1											
Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
PIPE Document	PIPEDocument	Document type name, stands for Participant Interface Process for Energy.		PIPEDocument	xmlns, xmlns:xsi, xsi:schemaLocation, version, DocumentReferenceNumber, CreationDateandTime, MarketParticipantDirectory, PIPTransaction	N/A	N/A	N/A	N/A	N/A	1 PIPE Document per PIPE Document
XML Name Space	xmlns	Uniquely identifies the XML name space.	E	XMLNameSpace	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Name Space Schema Instance	xmlns:xsi	Defines the schema instance being used.	E	XMLNameSpaceSchemaInstance	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Schema Instance Location	xsi:schemaInstanceLocation	Associates the actual schema instance being used to the name space.	E	XMLSchemaInstanceLocation	N/A	PIPEDocument	N/A	String	250	N/A	M
Version	Version	Identifies the version of the PIPEDocument schema.	E	Version	N/A	PIPEDocument	1.1	Enumerated (1.1)	N/A	N/A	M
Document Reference Number	DocumentReferenceNumber	Uniquely identifies this PIPEDocument.	E	DocumentReferenceNumber	N/A	PIPEDocument	N/A	String	30	N/A	M
Creation Date and Time	CreationDateandTime	System date and time stamp of when the transaction is generated.	E	CreationDateandTime	N/A	PIPEDocument	N/A	Date (yyyymmddhhmmssmstz)	19	N/A	M
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.	E	MarketParticipantDirectory	Recipient, Sender	PIPEDocument	(see Market Participant Directory data structure)	N/A	N/A	N/A	M
PIP Transaction	PIPTransaction	Indicates the beginning of a PIP transaction.	E	PIPTransaction	Enrol Request	PIPEDocument	(see PIP Transaction data structure)	N/A	N/A	N/A	1 or more
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.		MarketParticipantDirectory	Recipient, Sender	PIPEDocument	N/A	N/A	N/A	N/A	1 Market Participant Directory per PIPE Document
Sender	Sender	Used to identify the sender of the PIPE document.	E	Sender	MarketParticipant	MarketParticipantDirectory	(see Sender data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.	E	Recipient	MarketParticipant	MarketParticipantDirectory	(see Recipient data structure)	N/A	N/A	N/A	M
Sender	Sender	Used to identify the sender of the PIPE document.		Sender	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Sender per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Sender	(see Market Participant data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.		Recipient	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Recipient per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient	(see Market Participant data structure)	N/A	N/A	N/A	M
Market Participant	MarketParticipant	Identifies the Market Participants.		MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient, Sender	N/A	N/A	N/A	N/A	1 Market Participant per Sender and 1 per Recipient
Company Name	CompanyName	Tag used to define the name of the company a Consumer already has service with or would like to establish service with.	E	CompanyName	N/A	MarketParticipant	N/A	String	60	N/A	M
Market Participant Identifier	MarketParticipantIdentifier	Tag used to uniquely identify a company or business.	E	MarketParticipantIdentifier	N/A	MarketParticipant	N/A	String	10	N/A	M
PIP Transaction	PIPTransaction	Indicates the beginning of a PIP transaction.		PIPTransaction	Version, TransactionReferenceNumber, EnrolRequest	PIPEDocument	N/A	N/A	N/A	N/A	1 or more PIP Transaction per PIPE Document
Version	Version	Identifies the version of the PIP Document schema.	E	Version	N/A	PIPTransaction	N/A	String	5	N/A	M
Transaction Reference Number	TransactionReferenceNumber	Uniquely identifies this PIP transaction.	E	TransactionReferenceNumber	N/A	PIPTransaction	N/A	String	30	N/A	M

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
PIPE Document	PIPEDocument	Document type name, stands for Participant Interface Process for Energy.		PIPEDocument	xm:ns, xm:ns.xsi, xsi:schemaLocation, version, DocumentReferenceNumber, CreationDateandTime, MarketParticipantDirectory, PIPTransaction	N/A	N/A	N/A	N/A	N/A	1 PIPE Document per PIPE Document
XML Name Space	xm:ns	Uniquely identifies the XML name space.	E	XMLNameSpace	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Name Space Schema Instance	xm:ns.xsi	Defines the schema instance being used.	E	XMLNameSpaceSchemaInstance	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Schema Instance Location	xsi:schemaInstanceLocation	Associates the actual schema instance being used to the name space.	E	XMLSchemaInstanceLocation	N/A	PIPEDocument	N/A	String	250	N/A	M
Version	Version	Identifies the version of the PIPEDocument schema.	E	Version	N/A	PIPEDocument	1.1	Enumerated (1.1)	N/A	N/A	M
Document Reference Number	DocumentReferenceNumber	Uniquely identifies this PIPEDocument.	E	DocumentReferenceNumber	N/A	PIPEDocument	N/A	String	30	N/A	M
Creation Date and Time	CreationDateandTime	System date and time stamp of when the transaction is generated.	E	CreationDateandTime	N/A	PIPEDocument	N/A	Date (yyyymmddhhmmssstz)	19	N/A	M
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.	E	MarketParticipantDirectory	Recipient, Sender	PIPEDocument	(see Market Participant Directory data structure)	N/A	N/A	N/A	M
PIP Transaction	PIPTransaction	Indicates the beginning of a PIP transaction.	E	PIPTransaction	Enrol Request	PIPEDocument	(see PIP Transaction data structure)	N/A	N/A	N/A	1 or more
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.		MarketParticipantDirectory	Recipient, Sender	PIPEDocument	N/A	N/A	N/A	N/A	1 Market Participant Directory per PIPE Document
Sender	Sender	Used to identify the sender of the PIPE document.	E	Sender	MarketParticipant	MarketParticipantDirectory	(see Sender data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.	E	Recipient	MarketParticipant	MarketParticipantDirectory	(see Recipient data structure)	N/A	N/A	N/A	M
Sender	Sender	Used to identify the sender of the PIPE document.		Sender	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Sender per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Sender	(see Market Participant data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.		Recipient	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Recipient per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient	(see Market Participant data structure)	N/A	N/A	N/A	M
Market Participant	MarketParticipant	Identifies the Market Participants.		MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient, Sender	N/A	N/A	N/A	N/A	1 Market Participant per Sender and 1 per Recipient
Company Name	CompanyName	Tag used to define the name of the company a Consumer already has service with or would like to establish service with.	E	CompanyName	N/A	MarketParticipant	N/A	String	60	N/A	M
Market Participant Identifier	MarketParticipantIdentifier	Tag used to uniquely identify a company or business.	E	MarketParticipantIdentifier	N/A	MarketParticipant	N/A	String	10	N/A	M
PIP Transaction	PIPTransaction	Indicates the beginning of a PIP transaction.		PIPTransaction	Version, TransactionReferenceNumber, EnrolRequest	PIPEDocument	N/A	N/A	N/A	N/A	1 or more PIP Transaction per PIPE Document
Version	Version	Identifies the version of the PIP Document schema.	E	Version	N/A	PIPTransaction	N/A	String	5	N/A	M
Transaction Reference Number	TransactionReferenceNumber	Uniquely identifies this PIP transaction.	E	TransactionReferenceNumber	N/A	PIPTransaction	N/A	String	30	N/A	M
Enrol Request (purpose of transaction)	EnrolRequest	Tag used to nest all data relevant to a Consumer Enrol.	E	EnrolRequest	PoolPriceInformation, AccountInformation	PIPTransaction	(see Enrol Request data structure)	N/A	N/A	N/A	M
Enrol Request	EnrolRequest	Tag used to nest all data relevant to a Consumer Enrol.		EnrolRequest	PoolPriceInformation, AccountInformation	PIPTransaction	N/A	N/A	N/A	N/A	1 Enrol Request per PIP Transaction
Pool Price Information	PoolPriceInformation	Tag used to nest all relevant Distributor Pool and Price Information	E	PoolPriceInformation	DistributorNewPoolId, DistributorNewPricePointId, EffectiveDate	EnrolRequest	(see Pool/Price Information data structure)	N/A	N/A	N/A	M
Account Information	AccountInformation	Tag used to hold all the information relevant to an account.	E	AccountInformation	LanguageIndicator, BillingMethod, ValidationInformation, ConsumerInformation, ServiceAddress, VendorConsumerAccountNumber	EnrolRequest	(see Account Information data structure)	N/A	N/A	N/A	M
Pool/Price Information	PoolPriceInformation	Tag used to nest all relevant Distributor Pool and Price Information		PoolPriceInformation	DistributorNewPoolId, DistributorNewPricePointId, EffectiveDate	EnrolRequest	N/A	N/A	N/A	N/A	M
DistributorNew Pool Identifier	DistributorNewPoolId	This contains the Distributor Pool name (Pool ID) to which the account is being enrolled.	E	DistributorNewPoolId	N/A	PoolPriceInformation	N/A	String	40	N/A	M
DistributorNew Price Point Identifier	DistributorNewPricePointId	This contains the distributor PricePointID to which the account is being enrolled.	E	DistributorNewPricePointId	N/A	PoolPriceInformation	N/A	String	40	N/A	O
Effective Date	EffectiveDate	This is the date on which the transaction is to be implemented (takes effect).	E	EffectiveDate	N/A	PoolPriceInformation	N/A	Date (YYYYMMDD)	8	N/A	M

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Account Information	AccountInformation	Tag used to hold all the information relevant to an account.		AccountInformation	Language Indicator, Billing Method, ValidationInformation, ConsumerInformation, ServiceAddress, VendorConsumerAccountNumber	EnrolRequest	N/A	N/A	N/A	N/A	1 Account Information per Enrol Request
Language Indicator	LanguageIndicator	Specifies the language preference for the Consumer account. This is provided as Information only.	E	LanguageIndicator	N/A	AccountInformation	English, French	Enumerated (English French)	N/A	N/A	M
Billing Method	BillingMethod	Specifies the billing method for the account. Other billing methods will be added when required.	E	BillingMethod	N/A	AccountInformation	DistributorRateReady, SplitNoConsumption	Enumerated (DistributorRateReady SplitNoConsumption)	N/A	N/A	M
Validation Information	ValidationInformation	A tag that contains all information relevant to the validation of a particular account.	E	ValidationInformation	DistributorAccountNumber, NameValidator, AddressValidator	AccountInformation	(see Validation Information data structure)	N/A	N/A	N/A	M
Consumer Information	ConsumerInformation	Tag used to nest all relevant Consumer information.	E	ConsumerInformation	LastName, FirstName, MiddleName	AccountInformation	N/A	N/A	N/A	N/A	M
Service Address	ServiceAddress	Used to specify the service address.	E	ServiceAddress	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode	AccountInformation	N/A	N/A	N/A	N/A	M
Vendor Consumer Account Number	VendorConsumerAccountNumber	This contains Vendor's identifier for the consumer. This value is not validated and is returned in the response document.	E	VendorConsumerAccountNumber	N/A	AccountInformation	N/A	String	100	N/A	O
Validation Information	ValidationInformation	A tag that contains all information relevant to the validation of a particular account.		ValidationInformation	DistributorAccountNumber, NameValidator, AddressValidator	AccountInformation	N/A	N/A	N/A	N/A	1 Validation Information per Account Information
Distributor Account Number	DistributorAccountNumber	The distributor's Consumer account number as it appears on the bill except stripped of spaces and special characters (leading zeros must be included). Used when the account number is known. Note: if unknown, should be null empty, for example: <distributoraccountnumber><distributoraccountnumber>	E	DistributorAccountNumber	N/A	ValidationInformation	Choice	String	30	N/A	M
Name Validator	NameValidator	The Consumer's name as it appears on the bill, (first four alpha-numeric print characters, uppercase only, (A-Z and 0-9) left to right with special characters and blanks excluded). Refreshed only upon successful Lookup)	E	NameValidator	N/A	ValidationInformation	N/A	String	4	N/A	M
Address Validator	AddressValidator	The Consumer's address defined as the postal code of the billing address.	E	AddressValidator	N/A	ValidationInformation	N/A	String	10	N/A	M
Consumer Information	ConsumerInformation	Tag used to nest all relevant Consumer information.		ConsumerInformation	LastName, FirstName, MiddleName	AccountInformation	N/A	N/A	N/A	N/A	1 Service Consumer Information per Enrol Request
Last Name	LastName	Identifies the last name of a person or Business (Not Null)	E	LastName	N/A	ConsumerInformation	N/A	String	100	N/A	M
First Name	FirstName	Identifies the first name of a person.	E	FirstName	N/A	ConsumerInformation	N/A	String	100	N/A	O
Middle Name	MiddleName	Identifies the middle name of a person.	E	MiddleName	N/A	ConsumerInformation	N/A	String	100	N/A	O
Service Address	ServiceAddress	Used to specify the service address.		ServiceAddress	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode	AccountInformation	N/A	N/A	N/A	N/A	M
Street Number	StreetNumber	Indicates the street number for the service address.	E	StreetNumber	N/A	ServiceAddress	N/A	String	10	N/A	O
Street Number Suffix	StreetNumberSuffix	Indicates the street number suffix for the service address.	E	StreetNumberSuffix	N/A	ServiceAddress	N/A	String	10	N/A	O
Street Name	StreetName	Indicates the street name for the service address, and could be Lot or Concession number.	E	StreetName	N/A	ServiceAddress	N/A	String	55	N/A	M
Street Type	StreetType	Indicates the street type of the service address, e.g., Avenue, Street, Road.	E	StreetType	N/A	ServiceAddress	N/A	String	10	N/A	O
Street Direction	StreetDirection	Indicates the street direction for the service address.	E	StreetDirection	N/A	ServiceAddress	N, S, E, W, NW, NE, SW, or SE	Enumerated: N S E W NW NE SW SE	N/A	N/A	O
Unit Number	UnitNumber	Indicates the unit (apartment) number for the service address.	E	UnitNumber	N/A	ServiceAddress	N/A	String	40	N/A	O
Unit Type	UnitType	Indicates the unit type (such as APT, Suite) of the service address.	E	UnitType	N/A	ServiceAddress	N/A	String	10	N/A	O
City	City	Indicates the city for the service address.	E	City	N/A	ServiceAddress	N/A	String	30	N/A	M
Province	Province	Indicates the province for the service address.	E	Province	N/A	ServiceAddress	ON	Enumerated: ON	N/A	N/A	M
Postal code	PostalCode	Indicates the postal code for the service address. (Can be nullable in event one is not assigned.)	E	PostalCode	N/A	ServiceAddress	N/A	Postal Code (A#A#A#)	6	N/A	O
= Illustrates the position of the decimal point in reference to the overall length of the field.											
N/A = Not applicable											
Enumerated= The only valid values are listed.											
Date= Date format used.											

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
PIPE Document	PIPEDocument	Document type name, stands for Participant Interface Process for Energy.		PIPEDocument	xm:ns, xmlns:xsi, xsi:schemaLocation, version, DocumentReferenceNumber, CreationDateandTime, MarketParticipantDirectory, PIPTransaction	N/A	N/A	N/A	N/A	N/A	1 PIPE Document per PIPE Document
XML Name Space	xm:ns	Uniquely identifies the XML name space.	E	XMLNameSpace	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Name Space Schema Instance	xm:ns:xsi	Defines the schema instance being used.	E	XMLNameSpaceSchemaInstance	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Schema Instance Location	xsi:schemaInstanceLocation	Associates the actual schema instance being used to the name space.	E	XMLSchemaInstanceLocation	N/A	PIPEDocument	N/A	String	250	N/A	M
Version	Version	Identifies the version of the PIPEDocument schema.	E	Version	N/A	PIPEDocument	1.1	Enumerated (1.1)	N/A	N/A	M
Document Reference Number	DocumentReferenceNumber	Uniquely identifies this PIPEDocument.	E	DocumentReferenceNumber	N/A	PIPEDocument	N/A	String	30	N/A	M
Creation Date and Time	CreationDateandTime	System date and time stamp of when the transaction is generated.	E	CreationDateandTime	N/A	PIPEDocument	N/A	Date (yyyymmddhhmmssstz)	19	N/A	M
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.	E	MarketParticipantDirectory	Recipient, Sender	PIPEDocument	(see Market Participant Directory data structure)	N/A	N/A	N/A	M
PIP Transaction	PIPTTransaction	Indicates the beginning of a PIP transaction.	E	PIPTTransaction	Enrol Request	PIPEDocument	(see PIP Transaction data structure)	N/A	N/A	N/A	1 or more
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.		MarketParticipantDirectory	Recipient, Sender	PIPEDocument	N/A	N/A	N/A	N/A	1 Market Participant Directory per PIPE Document
Sender	Sender	Used to identify the sender of the PIPE document.	E	Sender	MarketParticipant	MarketParticipantDirectory	(see Sender data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.	E	Recipient	MarketParticipant	MarketParticipantDirectory	(see Recipient data structure)	N/A	N/A	N/A	M
Sender	Sender	Used to identify the sender of the PIPE document.		Sender	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Sender per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Sender	(see Market Participant data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.		Recipient	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Recipient per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient	(see Market Participant data structure)	N/A	N/A	N/A	M
Market Participant	MarketParticipant	Identifies the Market Participants.		MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient, Sender	N/A	N/A	N/A	N/A	1 Market Participant per Sender and 1 per Recipient
Company Name	CompanyName	Tag used to define the name of the company a Consumer already has service with or would like to establish service with.	E	CompanyName	N/A	MarketParticipant	N/A	String	60	N/A	M
Market Participant Identifier	MarketParticipantIdentifier	Tag used to uniquely identify a company or business.	E	MarketParticipantIdentifier	N/A	MarketParticipant	N/A	String	10	N/A	M
PIP Transaction	PIPTTransaction	Indicates the beginning of a PIP transaction.		PIPTTransaction	Version, TransactionReferenceNumber, EnrolRequest	PIPEDocument	N/A	N/A	N/A	N/A	1 or more PIP Transaction per PIPE Document
Version	Version	Identifies the version of the PIP Document schema.	E	Version	N/A	PIPTTransaction	N/A	String	5	N/A	M
Transaction Reference Number	TransactionReferenceNumber	Uniquely identifies this PIP transaction.	E	TransactionReferenceNumber	N/A	PIPTTransaction	N/A	String	30	N/A	M
Enrol Accept (purpose of transaction)	EnrolAccept	Tag used to nest all data relevant to a Consumer enrol.	E	EnrolAccept	OriginalTransactionReferenceNumber, PoolPriceInformation, AccountInformation, AdditionalInformation	PIPTTransaction	(see Enrol Accept data structure)	N/A	N/A	N/A	M
Enrol Accept	EnrolAccept	Tag used to nest all data relevant to a Consumer enrol		EnrolAccept	OriginalTransactionReferenceNumber, PoolPriceInformation, AccountInformation, AdditionalInformation	PIPTTransaction	N/A	N/A	N/A	N/A	1 Enrol Accept per PIP Transaction
Original Transaction Reference Number	OriginalTransactionReferenceNumber	Indicates the reference number of the original Enrol Request transaction.	E	OriginalTransactionReferenceNumber	N/A	EnrolAccept	N/A	String	30	E	M
Pool Price Information	PoolPriceInformation	Tag used to nest all relevant Distributor Pool and Price Information	E	PoolPriceInformation	DistributorNewPoolId, DistributorNewPricePointId, EffectiveDate	EnrolAccept	(see Pool/Price Information data structure)	N/A	N/A	N/A	M
Account Information	AccountInformation	Tag used to hold all the information relevant to an account.	E	AccountInformation	LanguageIndicator, BillingMethod, ServiceClass, RateClass, BillingCycle, ValidationInformation, ConsumerInformation, ServiceAddress, BillingAddressFormatted, BillingAddressUnformatted, DistributorAccountNumber, OldDistributorAccountNumber, AccountNumberSwitchDate, VendorConsumerAccountNumber	EnrolAccept	(see Account Information data structure)	N/A	N/A	N/A	M
Additional Information	AdditionalInformation	A tag that contains all information relevant to a set of parameters and values to support a response.	E	AdditionalInformation	ParameterName, ParameterValue	EnrolAccept	N/A	N/A	N/A	N/A	O

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
Pool/Price Information	PoolPriceInformation	Tag used to nest all relevant Distributor Pool and Price Information		PoolPriceInformation	DistributorNewPoolId DistributorNewPricePointId, EffectiveDate	EnrolAccept	N/A	N/A	N/A	N/A	M
DistributorNew Pool Identifier	DistributorNewPoolId	This contains the Distributor Pool name (Pool ID) to which the account is being enrolled.	E	DistributorNewPoolId	N/A	PoolPriceInformation	N/A	N/A	40	E	M
DistributorNew Price Point Identifier	DistributorNewPricePointId	This contains the distributor PricePointID to which the account is being enrolled.	E	DistributorNewPricePointId	N/A	PoolPriceInformation	N/A	N/A	40	E	O
Effective Date	EffectiveDate	This is the date on which the transaction is to be implemented (takes effect).	E	EffectiveDate	N/A	PoolPriceInformation	N/A	Date (YYYYMMDD)	8	E	M
Account Information	AccountInformation	Tag used to hold all the information relevant to an account.		AccountInformation	LanguageIndicator, BillingMethod, ServiceClass, RateClass, BillingCycle, ValidationInformation, ConsumerInformation, ServiceAddress, BillingAddressFormatted, BillingAddressUnFormatted, DistributorAccountNumber, OldDistributorAccountNumber, AccountNumberSwitchDate, VendorConsumerAccountNumber	EnrolAccept	N/A	N/A	N/A	N/A	1 Account Information per Enrol Accept
Language Indicator	LanguageIndicator	Specifies the language preference for the Consumer account. Provided as information Only.	E	LanguageIndicator	N/A	AccountInformation	English, French	Enumerated (English French)	N/A	R	M
Billing Method	BillingMethod	Specifies the billing method for the account. Other billing methods will be added when required.	E	BillingMethod	N/A	AccountInformation	DistributorRateReady, SplitNoConsumption	Enumerated (DistributorRateReady SplitNoConsumption)	N/A	E	M
Service Class	ServiceClass	Indicates the service class for the specified account. R=Residential, C=Commercial, I=Industrial	E	ServiceClass	N/A	AccountInformation	R, C, I,	Enumerated (R C I)	N/A	N	O
Rate Class	RateClass	Indicates the distributor service as defined in the Distributor's Rate Schedule.	E	RateClass	N/A	AccountInformation	N/A	String	5	N	O
Billing Cycle	BillingCycle	Indicates the billing cycle for the specified account.	E	BillingCycle	N/A	AccountInformation	N/A	String	10	N	M
Validation Information	ValidationInformation	A tag that contains all information relevant to the validation of a particular account.	E	ValidationInformation	DistributorAccountNumber, NameValidator, AddressValidator	AccountInformation	(see Validation Information data structure)	N/A	N/A	N/A	M
Consumer Information	ConsumerInformation	Tag used to nest all relevant Consumer information.	E	ConsumerInformation	LastName, FirstName, MiddleName	AccountInformation	N/A	N/A	N/A	N/A	M
Service Address	ServiceAddress	Used to specify the service address.	E	ServiceAddress	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode	AccountInformation	N/A	N/A	N/A	N/A	M
Billing Address Formatted	BillingAddressFormatted	Identifies the billing address of the account	E	BillingAddressFormatted	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode, CountryCode	AccountInformation	N/A	N/A	N/A	N/A	O
Billing Address Unformatted	BillingAddressUnformatted	Identifies the billing address of the account	E	BillingAddressUnformatted	BillingAddressLine1, BillingAddressLine2, BillingAddressLine3, BillingAddressLine4	AccountInformation	N/A	N/A	N/A	N/A	O
Distributor Account Number	DistributorAccountNumber	The distributor's Consumer account number as it appears on the bill	E	DistributorAccountNumber	N/A	ValidationInformation	N/A	String	30	R	M
Old Distributor Account Number	OldDistributorAccountNumber	Identifies the previous account number for this Consumer.	E	OldDistributorAccountNumber	N/A	AccountInformation	N/A	String	30	R	O
Account Number Switch Date	AccountNumberSwitchDate	Date the account changed from the previous account number to the current account number.	E	AccountNumberSwitchDate	N/A	AccountInformation	N/A	Date (YYYYMMDD)	8	R	O
Vendor Consumer Account Number	VendorConsumerAccountNumber	This contains Vendor's identifier for the consumer. This value is not validated and is returned in the response document.	E	VendorConsumerAccountNumber	N/A	AccountInformation	N/A	String	100	E	O

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
Validation Information	ValidationInformation	A tag that contains all information relevant to the validation of a particular account.		ValidationInformation	DistributorAccountNumber, NameValidator, AddressValidator	AccountInformation	N/A	N/A	N/A	N/A	1 Validation Information per Account Information
Distributor Account Number	DistributorAccountNumber	The distributor's Consumer account number as it appears on the bill except stripped of spaces and special characters (leading zeros must be included).	E	DistributorAccountNumber	N/A	ValidationInformation	N/A	String	30	R	M
Name Validator	NameValidator	The Consumer's name as it appears on the bill, (first four alpha-numeric print characters, uppercase only, (A-Z and 0-9) left to right with special characters and blanks excluded).	E	NameValidator	N/A	ValidationInformation	N/A	String	4	R	M
Address Validator	AddressValidator	The Consumer's address defined as the postal code of the billing address.	E	AddressValidator	N/A	ValidationInformation	N/A	String	10	R	M
Consumer Information	ConsumerInformation	Tag used to nest all relevant Consumer information.		ConsumerInformation	LastName, FirstName, MiddleName	AccountInformation	N/A	N/A	N/A	N/A	1 Service Consumer Information per Enrol Accept
Last Name	LastName	Identifies the last name of a person or business.	E	LastName	N/A	ConsumerInformation	N/A	String	100	R	M
First Name	FirstName	Identifies the first name of a person.	E	FirstName	N/A	ConsumerInformation	N/A	String	100	R	O
Middle Name	MiddleName	Identifies the middle name of a person.	E	MiddleName	N/A	ConsumerInformation	N/A	String	100	R	O
Service Address	ServiceAddress	This is the container element for the consumer's address of service (premises address).		ServiceAddress	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode	AccountInformation	N/A	N/A	N/A	N/A	M
Street Number	StreetNumber	Indicates the street number for the service address.	E	StreetNumber	N/A	ServiceAddress	N/A	String	10	R	O
Street Number Suffix	StreetNumberSuffix	Indicates the street number suffix for the service address.	E	StreetNumberSuffix	N/A	ServiceAddress	N/A	String	10	R	O
Street Name	StreetName	Indicates the street name for the service address, and could be Lot or Concession number.	E	StreetName	N/A	ServiceAddress	N/A	String	55	R	M
Street Type	StreetType	Indicates the street type of the service address.	E	StreetType	N/A	ServiceAddress	N/A	String	10	R	O
Street Direction	StreetDirection	Indicates the street direction for the service address.	E	StreetDirection	N/A	ServiceAddress	N, S, E, W, NW, NE, SW, or SE	Enumerated: N S E W NW NE SW SE	N/A	R	O
Unit Number	UnitNumber	Indicates the unit (apartment) number for the service address.	E	UnitNumber	N/A	ServiceAddress	N/A	String	40	R	O
Unit Type	UnitType	Indicates the unit type (such as APT, Suite) of the service address.	E	UnitType	N/A	ServiceAddress	N/A	String	10	R	O
City	City	Indicates the city for the service address.	E	City	N/A	ServiceAddress	N/A	String	30	R	M
Province	Province	Indicates the province for the service address.	E	Province	N/A	ServiceAddress	ON	Enumerated: ON	N/A	N/A	M
Postal Code	PostalCode	Indicates the postal code for the service address. (Can be nullable in event one is not assigned.)	E	PostalCode	N/A	ServiceAddress	N/A	Postal Code (A#A#A#)	6	R	O

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
Billing Address Formatted	BillingAddressFormatted	Identifies the billing address of the account		BillingAddressFormatted	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode, Country Code	AccountInformation	N/A	N/A	N/A	N/A	0 or 1 Billing Information per Enrol Accept
Attention Line	AttentionLine	Identifies the name of a person or business to whom the forwarding billing information will be going.	E	AttentionLine		BillingAddressFormatted	N/A	String	100	N	O
Street Number	StreetNumber	Indicates the billing address street number.	E	StreetNumber	N/A	BillingAddressFormatted	N/A	String	10	N	M
Street Number Suffix	StreetNumberSuffix	Indicates the street number for the billing address.	E	StreetNumberSuffix	N/A	BillingAddressFormatted	N/A	String	10	N	O
Street Name	StreetName	Street Number could be Lot and Concession	E	StreetName	N/A	BillingAddressFormatted	N/A	String	55	N	O
Street Type	StreetType	Ave, Street, Road	E	StreetType	N/A	BillingAddressFormatted	N/A	String	10	N	O
Street Direction	StreetDirection	Lists the consumer's street direction of the billing address.	E	StreetDirection	N/A	BillingAddressFormatted	N/A	String	10	N	O
Unit Number	UnitNumber	Indicates the unit (apartment) number for the billing address.	E	UnitNumber	N/A	BillingAddressFormatted	N/A	String	40	N	O
Unit Type	UnitType	Indicates the unit type (such as APT, Suite) of the billing address.	E	UnitType	N/A	BillingAddressFormatted	N/A	String	10	N	O
City	City	Indicates the city for the billing address.	E	City	N/A	BillingAddressFormatted	N/A	String	30	N	O
Province	Province	Indicates the state or province for the billing address.	E	Province	N/A	BillingAddressFormatted	N/A	String	20	N	M
Postal Code	PostalCode	Indicates the zip or postal code for the billing address.	E	PostalCode	N/A	BillingAddressFormatted	N/A	String	10	N	O
Country Code	CountryCode	Indicates the country code for the billing address. (Suggest using Canada Post standard for Country Code.)	E	CountryCode	N/A	BillingAddressFormatted	N/A	String	20	N	O
Billing Address Unformatted	BillingAddressUnformatted	Identifies the billing address of the account		BillingAddressUnformatted	BillingAddressLine1, BillingAddressLine2, BillingAddressLine3, BillingAddressLine4, BillingAddressLine5	AccountInformation	N/A	N/A	N/A	N/A	0 or 1 Billing Information per Enrol Accept
Billing Address Line 1	BillingAddressLine1	This contains the first line of the mailing address of the consumer.	E	BillingAddressLine1	N/A	BillingAddressUnformatted	N/A	String	100	N	O
Billing Address Line 2	BillingAddressLine2	This contains the second line of the mailing address of the consumer.	E	BillingAddressLine2	N/A	BillingAddressUnformatted	N/A	String	100	N	O
Billing Address Line 3	BillingAddressLine3	This contains the third line of the mailing address of the consumer.	E	BillingAddressLine3	N/A	BillingAddressUnformatted	N/A	String	100	N	O
Billing Address Line 4	BillingAddressLine4	This contains the fourth line of the mailing address of the consumer.	E	BillingAddressLine4	N/A	BillingAddressUnformatted	N/A	String	100	N	O
Billing Address Line 5	BillingAddressLine5	This contains the fifth line of the mailing address of the consumer.	E	BillingAddressLine5	N/A	BillingAddressUnformatted	N/A	String	100	N	O
Additional Information	AdditionalInformation	A tag that contains all information relevant to a set of parameters and values to support a response.		AdditionalInformation	ParameterName, ParameterValue	EnrolAccept	N/A	N/A	N/A	N/A	O
Parameter Name	ParameterName	This is stores the name identifier of the dynamic data being passed in addition to the current status of the STR.	E	ParameterName	N/A	AdditionalInformation	N/A	String	80	N	M
Parameter Value	ParameterValue	This contains the actual value of the additional information accompanying the status and identified by the parameter name.	E	ParameterValue	N/A	AdditionalInformation	N/A	String	100	N	M
Data Type Legend:											
AN = Alpha Numeric (Field allows for alphabetic values, numeric values, as well as any combination of alphabetic and numeric values)											
N = Numeric (no decimals)											
D = Decimal with total field length in parenthesis ()											
= Illustrates the position of the decimal point in reference to the overall length of the field.											
N/A = Not applicable											
Enumerated: The only valid values are listed.											
Dates: Date format used.											

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
PIPE Document	PIPEDocument	Document type name, stands for Participant Interface Process for Energy		PIPEDocument	xm:xs, xm:xs, xsi:schemaLocation, version, DocumentReferenceNumber, CreationDateandTime, MarketParticipantDirectory, PIPTransaction	N/A	N/A	N/A	N/A	N/A	1 PIPE Document per PIPE Document
XML Name Space	xm:xs	Uniquely identifies the XML name space	E	XMLNameSpace	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Name Space Schema Instance	xm:xs: xsi:schemaInstance	Defines the schema instance being used	E	XMLNameSpaceSchemaInstance	N/A	PIPEDocument	N/A	String	250	N/A	M
XML Schema Instance Location	xsi:schemaInstanceLocation	Associates the actual schema instance being used to the name space.	E	XMLSchemaInstanceLocation	N/A	PIPEDocument	N/A	String	250	N/A	M
Version	Version	Identifies the version of the PIPEDocument schema.	E	Version	N/A	PIPEDocument	1.1	Enumerated (1.1)	N/A	N/A	M
Document Reference Number	DocumentReferenceNumber	Uniquely identifies this PIPEDocument.	E	DocumentReferenceNumber	N/A	PIPEDocument	N/A	String	30	N/A	M
Creation Date and Time	CreationDateandTime	System date and time stamp of when the transaction is generated.	E	CreationDateandTime	N/A	PIPEDocument	N/A	Date (yyyymmddhhmmssstz)	19	N/A	M
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.	E	MarketParticipantDirectory	Recipient, Sender	PIPEDocument	(see Market Participant Directory data structure)	N/A	N/A	N/A	M
PIP Transaction	PIPTransaction	Indicates the beginning of a PIP transaction.	E	PIPTransaction	Enrol Request	PIPEDocument	(see PIP Transaction data structure)	N/A	N/A	N/A	1 or more
Market Participant Directory	MarketParticipantDirectory	Contains tags that define all the Market Participants involved in the particular PIP transaction.		MarketParticipantDirectory	Recipient, Sender	PIPEDocument	N/A	N/A	N/A	N/A	1 Market Participant Directory per PIPE Document
Sender	Sender	Used to identify the sender of the PIPE document.	E	Sender	MarketParticipant	MarketParticipantDirectory	(see Sender data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.	E	Recipient	MarketParticipant	MarketParticipantDirectory	(see Recipient data structure)	N/A	N/A	N/A	M
Sender	Sender	Used to identify the sender of the PIPE document.		Sender	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Sender per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Sender	(see Market Participant data structure)	N/A	N/A	N/A	M
Recipient	Recipient	Used to identify the recipient of the PIPE document.		Recipient	MarketParticipant	MarketParticipantDirectory	N/A	N/A	N/A	N/A	1 Recipient per Market Participant Directory
Market Participant	MarketParticipant	Identifies the Market Participant.	E	MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient	(see Market Participant data structure)	N/A	N/A	N/A	M
Market Participant	MarketParticipant	Identifies the Market Participants.		MarketParticipant	CompanyName, MarketParticipantIdentifier	Recipient, Sender	N/A	N/A	N/A	N/A	1 Market Participant per Sender and 1 per Recipient
Company Name	CompanyName	Tag used to define the name of the company a Consumer already has service with or would like to establish service with.	E	CompanyName	N/A	MarketParticipant	N/A	String	60	N/A	M
Market Participant Identifier	MarketParticipantIdentifier	Tag used to uniquely identify a company or business.	E	MarketParticipantIdentifier	N/A	MarketParticipant	N/A	String	10	N/A	M
PIP Transaction	PIPTransaction	Indicates the beginning of a PIP transaction.		PIPTransaction	Version, TransactionReferenceNumber, EnrolRequest	PIPEDocument	N/A	N/A	N/A	N/A	1 or more PIP Transaction per PIPE Document
Version	Version	Identifies the version of the PIP Document schema.	E	Version	N/A	PIPTransaction	N/A	String	5	N/A	M
Transaction Reference Number	TransactionReferenceNumber	Uniquely identifies this PIP transaction.	E	TransactionReferenceNumber	N/A	PIPTransaction	N/A	String	30	N/A	M
Enrol Reject (purpose of transaction)	EnrolReject	Tag used to nest all data relevant to Consumer enrol	E	EnrolReject	OriginalTransactionReferenceNumber, PoolPriceInformation, RejectInformation, AccountInformation	PIPTransaction	(see Enrol Reject data structure)	N/A	N/A	N/A	M
Enrol Reject	EnrolReject	Tag used to nest all data relevant to Consumer enrol		EnrolReject	OriginalTransactionReferenceNumber, PoolPriceInformation, RejectInformation, AccountInformation	PIPTransaction	N/A	N/A	N/A	N/A	1 Enrol Reject per PIP Transaction
Original Transaction Reference Number	OriginalTransactionReferenceNumber	Indicates the reference number of the original Enrol Request transaction.	E	OriginalTransactionReferenceNumber	N/A	EnrolReject	N/A	String	30	E	M
Pool Price Information	PoolPriceInformation	Tag used to nest all relevant Distributor Pool and Price Information	E	PoolPriceInformation	DistributorNewPoolId, DistributorNewPricePointId, EffectiveDate	EnrolReject	N/A	N/A	N/A	N/A	M
Reject Information	RejectInformation	Tag used to nest relevant reject information for the account.	E	RejectInformation	RejectReason, AdditionalInformation	EnrolReject	N/A	N/A	N/A	N/A	1 or more Reject Information per Enrol Reject
Account Information	AccountInformation	Tag used to hold all the information relevant to an account.	E	AccountInformation	LanguageIndicator, BillingMethod, ValidationInformation, ConsumerInformation, ServiceAddress, VendorConsumerAccountNumber	EnrolReject	(see Account Information data structure)	N/A	N/A	N/A	M

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
Reject Information	RejectInformation	Tag used to nest relevant reject information for the account.		RejectInformation	RejectReason, AdditionalInformation	EnrolReject	N/A	N/A	N/A	N/A	1 or more Reject Information per Enrol Reject
Reject Reason	RejectReason	Indicates the reason for the Enrol Reject	E	RejectReason	N/A	RejectInformation	AccountDoesNotExistFinal AccountNotEligible InsufficientVendorCredit IncompleteDocumentation ContestAlreadyUnderway InsufficientLeadTimeForContest DuplicateRequest DuplicateTRN EffectiveDateBeyondMaxLeadTime EffectiveDateMustBeForNextPoolTerm EffectiveDateNotBeyondMinLeadTime EffectiveDateNotWithinPoolTerm FTTumbbackMismatchPoolAndAccount CannotMoveFromOntarioPoolWithFTTumbbackElectionToWesternPool CannotMoveFromWesternPoolWithFTTumbbackElectionToOntarioPool CannotMoveFromSystemGasAccountWithNuIFTTumbbackElectionToOntarioPool InvalidBillingMethod InvalidPoolID LookupFailedLastNameStreetNumber LookupFailedManualReview LookupFailedStreetNamePostalCode LookupNoEligibleAccountNumber Provided PendingEnrol PendingMove PoolDeliveryAreaMismatch PoolPendingTermination PricePointIDDoesNotExist PricePointNotValid PricePointNotActive ValidationFailed	Enumerated (AccountDoesNotExist AccountNotEligible InsufficientVendorCredit IncompleteDocumentation ContestAlreadyUnderway InsufficientLeadTimeForContest DuplicateRequest DuplicateTRN EffectiveDateBeyondMaxLeadTime EffectiveDateMustBeForNextPoolTerm EffectiveDateNotBeyondMinLeadTime EffectiveDateNotWithinPoolTerm FTTumbbackMismatchPoolAndAccount CannotMoveFromOntarioPoolWithFTTumbbackElectionToWesternPool CannotMoveFromWesternPoolWithFTTumbbackElectionToOntarioPool CannotMoveFromSystemGasAccountWithNuIFTTumbbackElectionToOntarioPool InvalidBillingMethod InvalidPoolID LookupFailedLastNameStreetNumber LookupFailedManualReview LookupFailedStreetNamePostalCode LookupNoEligibleAccountNumberProvided PendingEnrol PendingMove PoolDeliveryAreaMismatch PoolPendingTermination PricePointIDDoesNotExist PricePointNotValid PricePointNotActive ValidatorFailed)	N/A	N	M
Additional Information	AdditionalInformation	A tag that contains all information relevant to a set of parameters and values to support a response.	E	AdditionalInformation	ParameterName, ParameterValue	RejectInformation	N/A	N/A	N/A	N/A	O
Pool/Price Information	PoolPriceInformation	Tag used to nest all relevant Distributor Pool and Price Information		PoolPriceInformation	DistributorNewPoolID, DistributorNewPricePointID, EffectiveDate	EnrolReject	N/A	N/A	N/A	N/A	M
Distributor New Pool Identifier	DistributorNewPoolID	This contains the Distributor Pool name (Pool ID) to which the account is being enrolled.	E	DistributorNewPoolID	N/A	PoolPriceInformation	N/A	N/A	40	E	M
Distributor New Price Point Identifier	DistributorNewPricePointID	This contains the distributor PricePointID to which the account is being enrolled.	E	DistributorNewPricePointID	N/A	PoolPriceInformation	N/A	N/A	40	E	O
Effective Date	EffectiveDate	This is the date on which the transaction is to be implemented (takes effect). Echoed from request.	E	EffectiveDate	N/A	PoolPriceInformation	N/A	Date (YYYYMMDD)	8	E	M
Account Information	AccountInformation	Tag used to hold all the information relevant to an account.		AccountInformation	LanguageIndicator, BillingMethod, ValidationInformation, ConsumerInformation, ServiceAddress, VendorConsumerAccountNumber	EnrolReject	N/A	N/A	N/A	N/A	1 Account Information per Enrol Reject
Language Indicator	LanguageIndicator	Specifies the language preference for the Consumer account. Provided as information only.	E	LanguageIndicator	N/A	AccountInformation	English, French	Enumerated (English French)	N/A	E	M
Billing Method	BillingMethod	Specifies the billing method for the account. Other Billing methods will be added as needed.	E	BillingMethod	N/A	AccountInformation	DistributorRateReady, SplitNoConsumption	Enumerated (DistributorRateReady SplitNoConsumption)	N/A	E	M
Validation Information	ValidationInformation	A tag that contains all information relevant to the validation of a particular account.	E	ValidationInformation	DistributorAccountNumber, NameValidator, AddressValidator	AccountInformation	(see Validation Information data structure)	N/A	N/A	N/A	M
Consumer Information	ConsumerInformation	Tag used to nest all relevant Consumer information.	E	ConsumerInformation	LastName, FirstName, MiddleName	AccountInformation	N/A	N/A	N/A	N/A	M
Service Address	ServiceAddress	Used to specify the service address.	E	ServiceAddress	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode	AccountInformation	N/A	N/A	N/A	N/A	M
Vendor Consumer Account Number	VendorConsumerAccountNumber	This contains Vendor's identifier for the consumer. This value is not validated and is returned in the response document.	E	VendorConsumerAccountNumber	N/A	AccountInformation	N/A	String	100	E	O

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Field Display Names	XML names	Definition	Attribute/Element	Element Name	Child Elements	Parent Elements	Valid Information in Field (enumeration)	Data Type	Field Length	Echo / Refresh	Optional/Mandatory/Conditional
Validation Information											
	ValidationInformation	A tag that contains all information relevant to the validation of a particular account.		ValidationInformation	DistributorAccountNumber, NameValidator, AddressValidator	AccountInformation	N/A	N/A	N/A	N/A	1 Validation Information per Account Information
Distributor Account Number	DistributorAccountNumber	The distributor's Consumer account number as it appears on the bill except stripped of spaces and special characters (leading zeros must be included). (Refreshed only upon successful Lookup.)	E	DistributorAccountNumber	N/A	ValidationInformation	N/A	String	30	E/R	M
Name Validator	NameValidator	The Consumer's name as it appears on the bill, (first four alpha-numeric print characters, uppercase only, (A-Z and 0-9) left to right with special characters and blanks excluded). (Refreshed only upon successful Lookup.)	E	NameValidator	N/A	ValidationInformation	N/A	String	4	E/R	M
Address Validator	AddressValidator	The Consumer's address defined as the postal code of the billing address. (Refreshed only upon successful Lookup.)	E	AddressValidator	N/A	ValidationInformation	N/A	String	10	E/R	M
Consumer Information											
	ConsumerInformation	Tag used to nest all relevant Consumer information.		ConsumerInformation	LastName, FirstName, MiddleName	AccountInformation	N/A	N/A	N/A	N/A	0 or 1 Service Consumer Information per Enrol Reject
Last Name	LastName	Identifies the last name of a person or business.	E	LastName	N/A	ConsumerInformation	N/A	String	100	E	M
First Name	FirstName	Identifies the first name of a person.	E	FirstName	N/A	ConsumerInformation	N/A	String	100	E	O
Middle Name	MiddleName	Identifies the middle name of a person.	E	MiddleName	N/A	ConsumerInformation	N/A	String	100	E	O
Service Address											
	ServiceAddress	Used to specify the service address.		ServiceAddress	StreetNumber, StreetNumberSuffix, StreetName, StreetType, StreetDirection, UnitNumber, UnitType, City, Province, PostalCode	AccountInformation	N/A	N/A	N/A	N/A	M
Street Number	StreetNumber	Indicates the street number for the service address.	E	StreetNumber	N/A	ServiceAddress	N/A	String	10	E	O
Street Number Suffix	StreetNumberSuffix	Indicates the street number suffix for the service address.	E	StreetNumberSuffix	N/A	ServiceAddress	N/A	String	10	E	O
Street Name	StreetName	Indicates the street name for the service address, and could be Lot or Concession number.	E	StreetName	N/A	ServiceAddress	N/A	String	55	E	M
Street Type	StreetType	Indicates the street type of the service address, e.g., Avenue, Street, Road.	E	StreetType	N/A	ServiceAddress	N/A	String	10	E	O
Street Direction	StreetDirection	Indicates the street direction for the service address.	E	StreetDirection	N/A	ServiceAddress	N, S, E, W, NW, NE, SW, or SE	Enumerated: N S E W NW NE SW SE	N/A	E	O
Unit Number	UnitNumber	Indicates the unit (apartment) number for the service address.	E	UnitNumber	N/A	ServiceAddress	N/A	String	40	E	O
Unit Type	UnitType	Indicates the unit type (such as APT, Suite) of the service address.	E	UnitType	N/A	ServiceAddress	N/A	String	10	E	O
City	City	Indicates the city for the service address.	E	City	N/A	ServiceAddress	N/A	String	30	E	M
Province	Province	Indicates the province for the service address.	E	Province	N/A	ServiceAddress	ON	Enumerated: ON	N/A	N/A	M
Postal Code	PostalCode	Indicates the postal code for the service address. (Can be nullable in event one is not assigned.)	E	PostalCode	N/A	ServiceAddress	N/A	Postal Code (A#A#A#)	6	E	M
Additional Information											
	AdditionalInformation	A tag that contains all information relevant to a set of parameters and values to support a response.		AdditionalInformation	ParameterName, ParameterValue	RejectInformation	N/A	N/A	N/A	N/A	O
Parameter Name	ParameterName	This stores the name identifier of the dynamic data being passed in addition to the current status of the STR.	E	ParameterName	N/A	AdditionalInformation	DeliveryArea, Account'sFTTurnbackElection%	Enumerated (DeliveryArea Account'sFTTurnbackElection%)	80	N	M
Parameter Value	ParameterValue	This contains the actual value of the additional information accompanying the status and identified by the parameter name.	E	ParameterValue	N/A	AdditionalInformation	N/A	String	100	N	M
Data Type Legend:											
String = Alpha Numeric (Field allows for alphabetic values, numeric values, as well as any combination of alphabetic and numeric values)											
N = Numeric (no decimals)											
D = Decimal with total field length in parenthesis ()											
= Illustrates the position of the decimal point in reference to the overall length of the field.											
N/A = Not applicable											
Enumerated= The only valid values are listed.											
Date= Date format used.											