

TECHNICAL IMPLEMENTATION OF BUSINESS PROCESS

The Storage Report allows parties to report on storage balances and activity. The **reporting type** indicates whether the report presents balance information or activity information. Balance type reports present the storage balance only; activity type reports present the storage balance and the activities that affect the balance.

The balance is presented in one of four ways. When location data is not present, the **ending storage balance** is used. When location data is present, at least one of the **location ending storage balance**, the **location ending storage balance--firm**, or the **location ending storage balance—interruptible** is used.

Parties should mutually agree to use the Transportation Service Provider's proprietary entity code when the D-U-N-S® Number is not available.

SAMPLE PAPER TRANSACTION

Transportation Service Provider	ABC Pipeline Co (987654321)
Contact Person	Joe Accountant
Statement Date/Time	June 8, 2000 10:45PM
Service Requester	

Service Requester Contract	X-1.10029
Reporting Type	Balance
Ending Storage Balance	4,500,670

Beginning Flow Date/Time	May 1, 2000 9:00AM
Ending Flow Date/Time	May 31, 2000 9:00AM

DATA DICTIONARY

Standard 5.4.x

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Accounting Period (Acct Per)	The month and year the information was recorded.	BEDG	SO	SO	
Associated Contract (Assoc K)	Associated contract that provides rights or information needed to process a transaction with respect to service requester's contract.	TSDG	MA	MA	May only be used when mutually agreed to and the Report Type is 'Activity'.
Beginning Flow Date (Beg Date)	The date on which the transportation/transaction first started.	DDG	M	M	
Beginning Flow Time (Beg Time)	The time on which the transportation/transaction first started.	DDG	M	M	
Contact Person Data	The name and telephone number of the contact for questions regarding the statement information.	BEDG			
Contact Person (Name) (Contact Name)		BEDG	M	M	
Contact Person (Phone) (Contact Phone)		BEDG	M	M	
Ending Flow Date (End Date)	The date on which the transportation/transaction ended.	DDG	M	M	
Ending Flow Time (End Time)	The time on which the transportation/transaction ended.	DDG	M	M	

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Ending Storage Balance (End Stor Bal)	The quantity in storage for the Service Requester Contract as of the ending flow date and time.	CDG	C	C	At least one of following is required: <ul style="list-style-type: none"> Ending Storage Balance Location Ending Storage Balance Location Ending Storage Balance – Firm Location Ending Storage Balance – Interruptible.
Fuel Quantity (Fuel Qty)	The quantity per gas day of fuel in standard units.	TSDG	SO	SO	May only be used when the Report Type is 'Activity'.
Location Data	Unique identification of a point.	LDG			
Location Code* ** (Loc)		LDG	C	C	Mandatory when one of the following is provided: <ul style="list-style-type: none"> Location Ending Storage Balance Location Ending Storage Balance-Firm Location Ending Storage Balance-Interruptible.
Location Name (Loc Name)		LDG	C	nu	For EBB, mandatory when one of the following is provided: <ul style="list-style-type: none"> Location Ending Storage Balance Location Ending Storage Balance-Firm Location Ending Storage Balance-Interruptible
Location Proprietary Code (Loc Prop)		LDG	C	C	Mandatory when one of the following is provided: <ul style="list-style-type: none"> Location Ending Storage Balance Location Ending Storage Balance-Firm Location Ending Storage Balance-Interruptible and Location Code is not present.

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Location Ending Storage Balance (Loc End Stor Bal)	The quantity in storage for the Service Requester Contract and location as of the ending flow date and time.	LBDG	C	C	At least one of following is required: <ul style="list-style-type: none"> Ending Storage Balance Location Ending Storage Balance Location Ending Storage Balance – Firm Location Ending Storage Balance – Interruptible.
Location Ending Storage Balance – Firm (Loc End Stor Bal-Firm)		LBDG	C	C	At least one of following is required: <ul style="list-style-type: none"> Ending Storage Balance Location Ending Storage Balance Location Ending Storage Balance – Firm Location Ending Storage Balance – Interruptible.
Location Ending Storage Balance – Interruptible (Loc End Stor Bal-Int)		LBDG	C	C	At least one of following is required: <ul style="list-style-type: none"> Ending Storage Balance Location Ending Storage Balance Location Ending Storage Balance – Firm Location Ending Storage Balance – Interruptible.
Maximum Available Daily Injection Quantity Max AD Inj Qty	The maximum daily quantity available for injection as of the ending flow date and time, as adjusted for applicable ratchets.	MMDG	SO	SO	
Maximum Available Daily Withdrawal Quantity Max AD W/D Qty	The maximum daily quantity available for withdrawal as of the ending flow date and time, as adjusted for applicable ratchets.	MMDG	SO	SO	
Minimum Required Daily Injection Quantity Min RD Inj Qty	The minimum daily quantity required to be injected as of the ending flow date and time.	MMDG	SO	SO	

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Minimum Required Daily Withdrawal Quantity Min RD W/D Qty	The minimum daily quantity required to be withdrawn as of the ending flow date and time.	MMDG	SO	SO	
Preparer Data	The name of the business party preparing the report.	BEDG			
Preparer ID * ⁴ (Prep ID)		BEDG	C	C	Mandatory when the Preparer ID is different from the Transportation Service Provider.
<u>Preparer ID Proprietary Code (Prep ID Prop)</u>		<u>BEDG</u>	<u>C</u>	<u>C</u>	<u>Mandatory when Preparer ID is not present.</u>
Preparer Name (Prep Name)		BEDG	C	nu	For EBB, mandatory when the Preparer ID is different from the Transportation Service Provider
Quantity (Qty)	The product quantity in standard units.	TSDG	C	C	Mandatory when the Report Type is 'Activity'.
Report Type Data	Indicates the type of information being reported.	CDG			
Report Type (Rpt Type)		CDG	C	M	For EBB, at least one of Report Type or Report Type Description is required.
Report Type Description (Rpt Type Desc)		CDG	C	nu	For EBB, at least one of Report Type or Report Type Description is required
Service Requester Contract (Svc Req K)	This is the contract under which service is being requested.	CDG	M	M	
Service Requester Data	Identifies the party requesting the service.	BEDG			
Service Requester ID * ⁴ (Svc Req)		BEDG	M	M	
Service Requester Name (Svc Req Name)		BEDG	M	nu	

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
<u>Service Requester Proprietary Code (Svc Req Prop)</u>		<u>BEDG</u>	<u>C</u>	<u>C</u>	<u>Mandatory when Service Requester is not present.</u>
Statement Basis Data	Code used to identify statement quantities as estimate, actual, or revision. Default value is actual.	TSDG			
Statement Basis (Stmt Basis)		TSDG	SO	SO	May only be used when Report Type is 'Activity'.
Statement Basis Code Name (Stmt Basis Name)		TSDG	SO	nu	For EBB, may only be used when Report Type is 'Activity'.
Statement Date/Time (Stmt D/T)	Date and time the statement was produced.	BEDG	M	M	
Storage Rate Schedule (Stor Rate Sch)	The transportation service provider's tariff designation for the storage rate schedule applicable to the Service Requester Contract.	CDG	SO	SO	
Transaction Type Data	This field identifies the specific type of transaction. This field will be populated with GISB approved transaction types. For example: authorized overrun, imbalance payback to pipeline, imbalance payback from pipeline, plant thermal reduction, current business, pooling, injection, withdrawal. The default value is current business.	TSDG			
Transaction Type (TT)		TSDG	C	C	Mandatory when the Report Type is 'Activity'. When this condition is met, for EBB, at least one of Transaction Type or Transaction Type Description is required.
Transaction Type Description (TT Desc)		TSDG	C	nu	Mandatory when the Report Type is 'Activity'. When this condition is met, for EBB, at least one of Transaction Type or Transaction Type Description is required.

Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Transportation Service Provider Data	Identifies the party providing the requested service.	BEDG			
Transportation Service Provider * ⁴ (TSP)		BEDG	M	M	
Transportation Service Provider Name (TSP Name)		BEDG	M	nu	
<u>Transportation Service Provider Proprietary Code (TSP Prop)</u>		<u>BEDG</u>	<u>C</u>	<u>C</u>	<u>Mandatory when Transportation Service Provider is not present.</u>

RELEVANT FOOTNOTES:

* Indicates Common Code

** When a Transportation Service Provider’s proprietary location code is employed pursuant to this standard, the parties agree that nominations, confirmations, scheduled quantities, and capacity release documents employing such code should be for one gas day at a time, and used only until there is a verified common code for the point associated with the proprietary location code. This would include daily nominations over a weekend. Within two months following the availability of the location the parties should employ the common code and no longer employ the proprietary code for identifying such location in the data sets related to the identified standards.

⁴ Refer to NAESB Standard No. [S4 – from R97058B]

- BEDG Business Entity Data Group
- CDG Contracts Data Group
- DDG Dates Data Group
- LBDG Location Balance Data Group
- LDG Location Data Group
- MMDG Min/Max Data Group
- TSDG Transaction Specific Data Group

CODE VALUES DICTIONARY

Data Element: Report Type

Code Value Description	Code Value Definition	Code Value
Activity	The information being reported includes balance data and transactional data.	
Balance	The information being reported includes only balance data.	

Data Element: Statement Basis

Code Value Description	Code Value Definition	Code Value
Actual	Quantity based upon the best available data.	
Estimate	Quantity based upon the best available data, which is recognized as preliminary.	
Revision	Change to a quantity based upon a prior period adjustment.	

Data Element: Transaction Type:

Code Value Description	Code Value Definition	Code Value
Authorized Injection Overrun	Storage injections which exceed contract capacity rights for which authorization has been granted.	12
Authorized Withdrawal Overrun	Storage withdrawals which exceed contract capacity rights for which authorization has been granted.	13
Excess Injection	Storage injection in excess of inventory contractual rights.	
Excess Injection – Daily	Storage injection in excess of daily contractual injection rights	
Excess Withdrawal	Storage withdrawal in excess of inventory contractual rights.	
Excess Withdrawal – Daily	Storage withdrawal in excess of daily contractual withdrawal rights	
Imbalance Payback from Transportation Service Provider	A payback of an imbalance from the Transportation Service Provider to the Service Requester.	03
Imbalance Payback to Transportation Service Provider	A payback of an imbalance from the Service Requester to the Transportation Service Provider.	04
Inventory Addition	An adjustment made by the transportation service provider resulting in an increase to the storage inventory.	
Inventory Reduction	An adjustment made by the transportation service provider resulting in a decrease to the storage inventory.	

Code Value Description	Code Value Definition	Code Value
Netting Injection	An injection as a result of netting a service requester's imbalance(s) with their storage inventory.	
Netting Withdrawal	A withdrawal as a result of netting a service requester's imbalance(s) with their storage inventory.	
Storage Injection	A quantity of gas for storage injection.	06
Storage Inventory Cycling	Quantity that is injected or withdrawn to satisfy storage inventory cycling requirements.	41
Storage Inventory Transfer	A transfer of storage inventory between storage contracts or service requesters.	11
Storage Withdrawal	A quantity of gas for storage withdrawal.	07
Trade Injection	An injection as a result of an imbalance trade between service requesters.	
Trade Withdrawal	A withdrawal as a result of a imbalance trade between service requesters.	
Transfer Injection	An increase in the storage inventory as a result of a transfer of storage inventory between storage contracts or service requesters	
Transfer Withdrawal	A decrease increase in the storage inventory as a result of a transfer of storage inventory between storage contracts or service requesters	
Unauthorized Overrun	Describes a transaction assigned during the allocation process in which allocated quantity exceeds contractual limits and no authorized overrun has been granted.	50
Unauthorized Injection Overrun	Describes an injection transaction assigned during the allocation process in which allocated quantity exceeds contractual limits and no authorized overrun has been granted.	
Unauthorized Withdrawal Overrun	Describes a withdrawal transaction assigned during the allocation process in which allocated quantity exceeds contractual limits and no authorized overrun has been granted	
Un-nominated Injection	An injection transaction assigned during the allocation process for which there is no corresponding nomination.	
Un-nominated Withdrawal	A withdrawal transaction assigned during the allocation process for which there is no corresponding nomination.	