



Storage

Training Module

This module provides information regarding a wide range of storage services that are available on Transco's system.



Table of Contents

Important Information – Please Read.....	3
Introduction.....	4
Definitions	4
Physical Storage.....	4
Base Gas vs. Top Gas	4
On System vs. Off System.....	4
Bundled vs. Unbundled	4
Injections vs. Withdrawals.....	5
Nominating Storage	5
Storage Services.....	5
Storage Service Summary.....	6
GSS – General Storage Service	7
LSS – Leidy Storage Service.....	8
S2 – Storage Service	9
SS-2 Storage Service	10
LNG/LGA (Liquefied Natural Gas Storage Service)	10
LG-S	11
WSS/WSS-OA (Washington Storage Service)	12
ESS - Eminence Storage Service.....	12
Excess Storage Availability.....	14
Storage Pages – Navigation, Description and View.....	14
View Storage Balance	14
Storage Transfer Summary.....	15
Create Storage Transfer.....	15
Create Storage Transfer - Prearranged.....	16
Create Self Storage Transfer	17
Create Storage Transfer – Non Prearranged	18
Posting Storage Balances	19
Viewing Posted Storage Balances.....	20
Available Storage Reports	20
Storage Glossary	21

Important Information – Please Read

The information provided herein is for informational purposes only and does not modify any provision in Transco’s FERC Gas Tariff. If a conflict exists between this information and Transco’s FERC Gas Tariff, the provisions in Transco’s FERC Gas Tariff apply. Transco makes no representation or warranty as to the completeness or accuracy of this information. Transco shall not be liable for any informational errors, incompleteness, or delays, or for any actions taken in reliance on this information.

To review the tariff language specific to any topic, go to [Transco’s Informational Postings page](#), and select **Tariff** from the left-hand navigation menu.

Introduction

Storage services allow customers to purchase gas in non-peak periods (usually in the summer), store it, and then utilize the gas by withdrawing it from the storage facilities and having it delivered to the delivery location during the peak period (usually in the winter).

Definitions

Physical Storage

Storage Fields – Gas is stored in underground caverns which are depleted production reservoirs or salt dome caverns. There are also above-ground tanks used for storing gas in a liquid form (liquefied natural gas or LNG).

Base Gas vs. Top Gas

Base gas (cushion gas) – volume of gas intended as permanent inventory in a storage reservoir to maintain adequate pressure and deliverability rates.

Top gas (working gas) – volume of gas in the reservoir above the level of base gas.

On System vs. Off System

On-system – Storage facilities directly connected to Transco’s pipeline. Examples are Washington field in Louisiana; Eminence field in Mississippi; and the LNG storage facility in Carlstadt, New Jersey.

Off-system – Storage facilities not directly connected to Transco’s system. There are agreements with the interconnecting pipelines to transport storage gas between an interconnect with Transco and the storage facility and with the storage operators. Transco tracks and passes through to its customers the charges of off-system providers of transportation and storage services.

Bundled vs. Unbundled

Bundled Storage – storage that includes transportation service and fees to and from the delivery location; no separate transportation contract is required (GSS, LSS, S-2, SS-2, LGA and LNG).

Unbundled Storage – storage service that does not include transportation service to and from the delivery location; gas must be nominated to and from the storage location on a separate transportation agreement (ESS-OA, and WSS-OA)

Injections vs. Withdrawals

Injections: If the field is empty there is less pressure resistance and, therefore, you can inject more. As the field fills up, there is a higher pressure within the field, so less gas can be physically injected.

Withdrawals: If the field is full, there is more pressure, so you can withdraw more gas. As the field empties, there is less pressure, and less gas can be physically withdrawn.

Nominating Storage

If nominating a bundled storage service, one storage nomination (transaction type 6 or 7) is required.

If nominating an unbundled storage service, one transportation nomination (transaction type 1) is required, assuming the transporter is the same company as the storage contract holder. However, if the transporter and storage contract holder are not the same company, a separate storage nomination (transaction type 6 or 7) is required. The upstream/downstream contract field should reference the storage owner's contract.

Storage Services

The following are examples of some of the storage services available. Additional information on these services can be found in the **Rate Schedules** section of Transco's FERC Gas Tariff.

- GSS
- LSS
- S-2
- SS-2
- LNG
- LG-A
- WSS
- ESS

Storage Service Summary

Rate Schedule	GSS	LSS	ESS	WSS	S-2	SS-2	LNG	LG-A
Type of Service	Bundled	Bundled	Unbundled	Unbundled	Bundled	Bundled	Bundled	Bundled
Physical Location	Leidy Project Wharton Dominion	Leidy Penn York	Mississippi	Louisiana	Oakford	Penn York Ellisburg	Carlstadt, NJ	Carlstadt, NJ
TGPL point of receipt/delivery to upstream pipeline	Leidy-Dominion Wharton	Leidy-Dominion Wharton National Fuel	Eminence	TGPL Sta. 54	TETCO @ Linden & Shippack	Leidy-National Fuel	LNG Plant	LNG Plant
Injection Season	All Year	Apr. 1 - Oct. 31	All Year	All Year	Apr. 16 - Nov. 15	Apr. 1 - Oct. 31	Apr. 1 - Oct. 31	Apr. 1 - Oct. 31 Firm Nov. 1 - Mar. 31 Best Efforts
Withdrawal Season	All Year	Nov. 1 - Mar. 31	All Year	All Year	Nov. 16 - Apr. 15	Nov. 1 - Mar. 31	Nov. 1 - Mar. 31	Nov. 1 - Mar. 31 Firm Apr. 1 - Apr. 30 Best Efforts None: May 1 - September 30 Oct. 1 - Oct. 31 Best Efforts
Excess Injection	With Approval	With Approval	With Approval	With Approval	None	None	With Approval	With Approval
Excess Withdrawal	With Approval	With Approval	With Approval	With Approval	None	None	With Approval	With Approval

GSS – General Storage Service

- Year-round service
- Service provided to Transco by Eastern Gas Transmission and Storage, Inc (“EGTS”)
- Leidy storage partnership with EGTS and Spectra
- Injection is nominated with fuel
- Withdrawal is nominated net
- Transco shall not be obligated to deliver gas to Customer hereunder, when:
 - From 11/1 – 2/14 Balance to < 20% Capacity
 - From 2/15 – 3/1 Balance to < 7% Capacity
- Minimum inventory: Customer must maintain a storage Gas Balance equal to or greater than the following percentages of Customer’s Storage Capacity Quantity on each day during the following months:
 - December - 35% Capacity
 - January - 35% Capacity
 - February - 15% Capacity
- If the balance is less than the minimum only a percentage of demand will be allowed (95%)
- Minimum Turnover:
 - During the winter period customers must withdraw a quantity equal to or greater than the difference of the beginning balance 11/1 and 35% capacity
 - Penalty on amount not withdrawn.

Example of Injection (TT 6)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Del Qty	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name	Rec Qty	Fuel %	Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty	Dn ID Prop-Name
Submitted		9270880 1LINE DUMMY GAS CUSTOMER	06/01/2023	06	GSS Injection	ABClocation	2000	2.72	238908 - 1LINE DU	1	1002688 GSS LEI	1946	9270880-
N			06/01/2023	TIMELY									

Example of Withdrawal (TT 7)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Del Qty	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name	Rec Qty	Fuel %	Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty	Dn ID Prop-Name
Submitted		9270880 1LINE DUMMY GAS CUSTOMER	06/01/2023	07	Withdraw GSS	1002688	1000	0	9270880 -	999	ABClocation	1000	238908-1LINE D
N			06/30/2023	TIMELY		GSS LEI							

LSS – Leidy Storage Service

- Seasonal Service
- Service provided to Transco by EGTS and National Fuel.
- Injection is nominated with fuel
- Withdrawal is nominated net
- Minimum Inventory Balance Requirements
 - For December and January no less than 35% capacity
 - For February no less than 15%
- If the balance on any given day is less than the minimum required on that day, the customer will be allowed a percentage (93.33%) of its storage demand.
- Minimum turnover requirements: November 1 – March 31
- Quantity withdrawn must be equal to or greater than 35% of its capacity
- Penalty could be charged on amount not withdrawn

Example of Injection (TT 6)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Del Qty	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name			Up ID Prop-Name	Del Rank	Del Loc Name		Dn ID Prop-Name
Submitted		9270881	06/01/2023	06	LSS Injection	ABClocation	1000	1.1	9270881	1	1002694	989	
N		1LINE DUMMY GAS CUSTOMER	06/30/2023	TIMELY					238908 - 1LINE DU		LSS STG		9270881-

Example of Withdrawal (TT 7)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Del Qty	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name			Up ID Prop-Name	Del Rank	Del Loc Name		Dn ID Prop-Name
Submitted		9270881	12/01/2023	07	Withdraw LSS	1002694	501	0.15	9270881 -		ABClocation	500	
N		1LINE DUMMY GAS CUSTOMER	12/31/2023	TIMELY		LSS STG				100			238909-

S2 – Storage Service

- Seasonal service
- Service provided to Transco by Spectra
- Gas is received at Linden (Oakford Storage) and delivered at Skippack
- Injection is nominated with fuel
- Withdrawal is nominated net
- Data-based ratchet on the withdrawal service
- Injections and withdrawals are not allowed on same day
- Customers are billed demand charges one month in advance

Example of Injection (TT 6)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Dn K	
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name			Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty	Dn ID Prop-Name
Submitted		9270884	06/01/2023	06	S2 Injection	1006583	ABClocation		9270884	1	1002696		
N		1LINE DUMMY GAS CUSTOMER	06/01/2023	TIMELY		S JERSE			238908 - 1LINE DU		OAKFORD	497	9270884-

Example of Withdrawal (TT 7)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Dn K	
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name			Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty	Dn ID Prop-Name
Submitted		9270884	12/01/2023	07	Withdraw S2	1002696	250	0	9270884 -	1	ABClocation	250	9270884
N		1LINE DUMMY GAS CUSTOMER	12/31/2023	TIMELY		OAKFORD							238908-1LINE D

SS-2 Storage Service

- Seasonal service
- Service provided to Transco by National Fuel
- Injections and withdrawals are nominated with fuel
- Injections and withdrawals are not allowed on same day

Example of Injection (TT 6)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Del Qty	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name			Up ID Prop-Name	Del Rank	Del Loc Name		Dn ID Prop-Name
Submitted		9270883 1LINE DUMMY GAS CUSTOMER	06/01/2023	06	SS-2 Injection	ABClocation	1000	0.45	9270883 238908 - 1LINE DU	1	1002693 SS-2 NA	996	9270883-
N			06/01/2023	TIMELY									

Example of Withdrawal (TT 7)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Del Qty	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name			Up ID Prop-Name	Del Rank	Del Loc Name		Dn ID Prop-Name
Submitted		9270883 1LINE DUMMY GAS CUSTOMER	12/01/2023	07	SS-2 Withdraw	1002693	502	0.45	9270883 -	1	ABClocation	900	9270883
N			12/01/2023	TIMELY		SS-2 NA							238908-1LINE D

LNG/LGA (Liquefied Natural Gas Storage Service)

- Transco operated service at Station 240
- Transco can store up to 2 BCF of liquefied natural gas (LNG) at the Carlstadt, New Jersey facility.
- LNG/LGA is a seasonal, firm bundled service
- Customers nominate injections and withdrawals at their city gate; no transportation is required
- Injections from: April 1 – October 31
- All customers have to be at 100% at the end of the season
- Withdraw from: November 1 – March 31
- Excess injections and withdrawals with approval
- Injection is nominated with fuel
- Withdrawal is nominated net
- LNG is releasable through capacity release, LGA is not

Example of Injection (TT 6)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name	Rec Qty	Fuel %	Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty
Submitted		9270882 1LINE DUMMY GAS CUSTOMER	06/01/2023	06	LNG Injection	1006576	ABClocation	5	9270882 238908 - 1LINE DU	1	1002686 CARLSTA	750
N			06/01/2023	TIMELY		PIEDMON						9270882-

Example of Withdrawal (TT 7)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name	Rec Qty	Fuel %	Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty
Submitted		9270882 1LINE DUMMY GAS CUSTOMER	12/01/2023	07	LNG Withdraw	1002686	500	0	9270882 -	1	1006576 PIEDMON	ABClocation
N			12/01/2023	TIMELY		CARLSTA						'0882 1908-1LINE D

LG-S

- Truck sales from station 240 (Carlstadt LNG facility)
- Pipeline control and Commercial Services determine quantity of LG-S available annually
- Available mainly in spring, summer, fall months
- Open season is held to offer available quantity
- LG-S shippers take LNG by truck
- Station 240 personnel book the withdrawal quantity on the New Jersey North Power BI site.
- Commercial Services schedules the withdrawal
- LG-S shipper returns the withdrawal quantity (as gas) by scheduling to Station 240.

Example of Injection (TT 6)

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Rec Qty	Fuel %	Up K	Rec Rank	Del Loc	Dn K
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name	Rec Qty	Fuel %	Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty
Submitted		3000021	04/01/2019	06	LGS Injection	9000001	1000			1	1002686	
N		XYZ LDC	12/31/2999	TIMELY		XYZ LDC		32.16	XYZ LDC		Carlstadt	678
												3000021

WSS/WSS-OA (Washington Storage Service)

- Year-round service
- Operated by Transco
- Can have same day injections and withdrawals
- Injections and withdrawals can be made by shippers other than the owner of the WSS contract
- Injections are considered a Zone 3 Delivery and are nominated with fuel
- Withdrawals are considered a Zone 4 Receipt and there is no fuel
- This storage service is releasable.
- If the storage contract holder transports volumes to/from the storage location, 1line will automatically create the injection/withdrawal nomination.
- If a third-party transports volume to the storage location, the storage contract holder must nominate the injection/withdrawal.
 - Injection nominations must specify the upstream contract number and BA ID of the party bringing gas to the storage location
 - Withdrawal nominations must specify the downstream contract number and BA ID of the party taking gas from the storage location

ESS - Eminence Storage Service

- Year-round service
- Operated by Transco
- Releasable service
- Can have same day injections and withdrawals.
- No fuel on injection or withdrawal
- The following services offered at this facility (Eminence Storage) require a separate contract:
 - Rate schedule EESWS (Emergency Eminence Storage Withdrawal Service)
 - Rate schedule EESS (Enhanced Eminence Storage Withdrawal Service)
- If the storage contract holder transports volumes to/from the storage location, 1line will automatically create the injection/withdrawal nomination.
- If a third-party transports volumes to the storage location, the storage contract holder must nominate the injection/withdrawal.
 - Injection nominations must specify the upstream contract number and BA ID of

the party bringing gas to the storage location

- Withdrawal nominations must specify the downstream contract number and BA ID of the party taking gas from the storage location

Example of unbundled Withdrawal (TT 1)

Nominations > Nomination > Retrieve Nominations Preset Filters [ACTION MENU](#)

Filters COLLAPSE

Transaction Type: (use commas for Multiple Selections) [Cycle Indicators](#) * Begin Gas Flow Date: * End Gas Flow Date: Svc Req Prop: Svc Req Name:

The Following Filters are Available for Searches/Retrieve Nominations COLLAPSE

Note that fields marked with "*" are available as wildcard searches. Use the "*" key before or after the search item (e.g., %Nom or Nom%). If "*" is not used, the search will return exact matches only.

Svc Req K: **Package ID: Nom Status: Cycle: Rec Loc: **Up ID Prop: **Up K: Receipt Zone: Del Loc: **Dn ID Prop: **Dn K: InLinks Delivery Zone: Retro Nom ID: Date Submitted: Retro Status: Route:

Select method for displaying retrieved data: Filter out Zero Qty Nominations Show Links

 Select All Records successfully saved with WIP status
Grand Total Quantity: Receipt 500 / Delivery 500

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Up K	Rec Rank	Del Loc	Dn K			
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name	Rec Qty	Fuel %	Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty	Dn ID Prop-Name
WIP		9272999	06/02/2023	01	ESS	1100002	500		9272979	999	1000065	500	9283789
Y		XYZ LDC	06/02/2023			EMINENC			238908 - 1LINE DU	999	STA 65		238908-1LINE D

Example of unbundled Injection (TT 1)

Retrieve Nominations

Nominations > Nomination > Retrieve Nominations Preset Filters [ACTION MENU](#)

Filters COLLAPSE

Transaction Type: (use commas for Multiple Selections) [Cycle Indicators](#) * Begin Gas Flow Date: * End Gas Flow Date: Svc Req Prop: Svc Req Name:

The Following Filters are Available for Searches/Retrieve Nominations COLLAPSE

Note that fields marked with "*" are available as wildcard searches. Use the "*" key before or after the search item (e.g., %Nom or Nom%). If "*" is not used, the search will return exact matches only.

Svc Req K: **Package ID: Nom Status: Cycle: Rec Loc: **Up ID Prop: **Up K: Receipt Zone: Del Loc: **Dn ID Prop: **Dn K: InLinks Delivery Zone: Retro Nom ID: Date Submitted: Retro Status: Route:

Select method for displaying retrieved data: Filter out Zero Qty Nominations Show Links

 Select All Nominations validated with no errors. To submit press the submit button.
Grand Total Quantity: Receipt 500 / Delivery 500

Nom Status	Retro Status	Svc Req K	Beg Date	TT	Package ID	Rec Loc	Up K	Rec Rank	Del Loc	Dn K			
Error	Retro Request ID	Svc Req Name	End Date	Cycle	Route	Rec Loc Name	Rec Qty	Fuel %	Up ID Prop-Name	Del Rank	Del Loc Name	Del Qty	Dn ID Prop-Name
WIP		9272939	06/02/2023	07	ESS	EMINENC				999	1100002	500	9272999
N		1LINE DUMMY GAS CUSTOMER	06/02/2023	EVENING				0			EMINENC		123456 XYZ LDC

Excess Storage Availability

1. Check the Transco Info Postings page under **Pipeline Conditions** for excess storage availability.
2. Submit nomination by selecting **Navigation > Nominations > Retrieve Nomination**.
 - GSS injections are nominated using Transaction Type 12 for injections and Transaction Type 13 for withdrawals
3. Results may be viewed from the scheduling pages by **Selecting Navigation > Scheduled Quantity > Review/Select Scheduling Runs**.
4. Results may also be viewed after each cycle on the Scheduled Quantity report (SQR).

Storage Pages – Navigation, Description and View

View Storage Balance

1. **Select Navigation > Flowing Gas > Storage > Inventory Balance**
2. Select flow date (default is current date), and any other desired filters, then **retrieve**.

Gas Flow Date	Stgt Basis Name	Svc Req K	Rate Sched	Loc	TT	Net Inj & W/D	Net Transfer	Accounting Period	Net PPA	Max AD Inj Qty	Max AD W/D Qty	Net Excess	Qty	Ending Storage Balance	MSQ %
06/01/2023	Estimate	9272939	ESS / ES	1002689		0	0		0	13.252	4.900	0	0	4.900	0.24%

Note:

Volumes which are positive reflect storage injections. Negative volumes (in parentheses) reflect storage withdrawals.

Beginning Flow Time is 9:00 A.M. and Ending Flow Time is 9:00 A.M. of Next Day

- Also, from this page, you can submit a **Storage Adjustment Detail Report**. This report shows details of any PPAs displayed in the Net PPA column.
3. Select PPA line on the page and choose **Actions > Submit Stg Adj**

Flowing Gas > Storage > Inventory Balance

Filters

Beginning Flow Date: 06/01/2023
 Ending Flow Date: 06/01/2023
 Contact Name/Phone: Keith Higginbotham 7132152552

Service Requester Contract: []
 Svc Req Prop/Name: 238905 / 1LINE DUMMY GAS CUSTOMER
 Location ID: []
 Rpt Type Desc: Activity/Balance
 Start D/T: 06/01/2023 08:03:29

Storage Rate Schedule: [] Rate Schedule
 Accounting Period (MM/YYYY): []

Location Name: []

Retrieve Clear

Download Select All

Search successfully completed. Records found: 1

Gas Flow Date	Start Basis Name	Svc. Req. K	Rate Sched	Loc	TT	Net Inj & W/D	Net Transfer	Accounting Period	Net PPA	Max AD Inj Qty	Max AD W/D Qty	Net Excess	Qty	Ending Storage Balance	MSQ %
06/01/2023	Estimate	8272930	E29 / E5	1002689		0	0			13,252	4,900	0	0	4,900	0.24%

Submit Stg Adj Detail Rpt

Note:
 Volumes which are positive reflect storage injections. Negative volumes (in parentheses) reflect storage withdrawals.
 Beginning Flow Time is 9:00 A.M. and Ending Flow Time is 9:00 A.M. of Next Day

Storage Transfer Summary

The Storage Transfer Summary page is designed to provide the ability to create transfers between parties within the 1Line system. *Storage quantities are transferred the day prior to the transfer effective date to ensure balances are available for nominating for the 1st of the following month. It is important to confirm these storage transfers in order for them to be active.*

- **Flow date** - current or future day but not more than 15 days into the future
- **Prearranged transfer** - the initiating party must know the confirming party's contract number. Confirming party's contract does not have to be posted.
- **Non-prearranged transfer** - the initiating party can choose from a list of storage balances available for transfer, provided that the posted balance is greater than or equal to the amount being transferred.
- **100% option** for transferring the balance can only be applied if the initiating party's direction is W/D (From)

Create Storage Transfer

1. Select Navigation > Flowing Gas > Storage > Transfer Summary

The screenshot shows the software interface with a navigation menu on the left. The menu items are: Home, Navigation, Inventions, Flowing Gas, Invoicing, Capacity Release, Contracts, Discounts, Customer Information, Retro Request Lists, Downloads, Other, and Informational Postings. The 'Flowing Gas' menu is expanded, showing sub-items: PDA, Allocation, Imbalance, Measurement, Park and Loan Balances, Storage, Inventory Balance, Transfer Summary, and Posted Storage Balances. A yellow arrow points to the 'Transfer Summary' option. The main content area shows a search form with 'Contact Name/Phone: Diane Ezernack 7132154180' and a 'Rpt Type Desc: Activity/Balance' dropdown. Below the search form is a table with columns: Gas Flow Date, Basis, K, Loc Prop, TT, Net Inj & W/D, Net Transfer, Accounting Period, Net PPA, Max AD Inj Qty, Max AD W/D Qty, Net Excess, Qty, Ending Storage Balance, and MSQ %.

2. Click Retrieve.

3. Data table will populate with active tradable storage contracts

Transfer Summary

Flowing Gas > Storage > Transfer Summary

Filters

* As Of: 06/01/2023

Transfer Status: All

Svc Req Prop: All

Service Delivery Contact: Keith Higginbotham

Stor Rate Sch: Rate Schedule

Svc Req K: Contracts

Retrieve Clear

Download Select All

K Holder Name	Svc Req Prop	Stor Rate Sch	Svc Req K	K Status	Stmnt Basis Name	Max Stor Cap	Max AD W/D Qty	Max AD Inj Qty	Pending Transfers	Posted	Posted Transfer Activity		
											Eff Date	Stor W/D(From)	Stor Inj(To)
1LINE DUMMY GAS CUSTOMER	1LINE DUMMY GAS CUSTOMER	ESS / ES	9272939	ACTIVE	Estimate	2,000,000	4,900	1,995,100	0				
238908	238908		1002689										

Note:
Beginning Flow Time is 9:00 A.M. and Ending Flow Time is 9:00 A.M. of Next Day

Transfer Summary

Flowing Gas > Storage > Transfer Summary

Filters

* As Of: 06/01/2023

Transfer Status: All

Svc Req Prop: All

Service Delivery Contact: Keith Higginbotham

Stor Rate Sch: Rate Schedule

Svc Req K: Contracts

Retrieve Clear

Download Select All

K Holder Name	Svc Req Prop	Stor Rate Sch	Svc Req K	K Status	Stmnt Basis Name	Max Stor Cap	Max AD W/D Qty	Max AD Inj Qty	Pending Transfers	Posted	Posted Transfer Activity		
											Eff Date	Stor W/D(From)	Stor Inj(To)
1LINE DUMMY GAS CUSTOMER	1LINE DUMMY GAS CUSTOMER	ESS / ES	9272939	ACTIVE	Estimate	2,000,000	4,900	1,995,100	0				
238908	238908		1002689										

Note:
Beginning Flow Time is 9:00 A.M. and Ending Flow Time is 9:00 A.M. of Next Day

Create Storage Transfer - Prearranged

1. Select Navigation > Flowing Gas > Storage > Transfer Summary
2. Select Retrieve.
3. Select data row (of balance to create a transfer to or from) and it will turn yellow.
4. Select **Actions> Request Transfer**.
 - Page is displayed in split screen format.
5. Under Transfer Detail in the Initiating Party section, enter Flow Date, Direction W/D (From) Inj (To) and Quantity (or check 100% option).
6. Check the Pre-arranged Transfer box.
7. Under Confirming Party section, type in appropriate Service Req K, then click on [Get Confirm Party Info](#) link to populate the Confirming Party Name/Id
8. The Contact Name will default to the first name in list, but you can change to anyone in the drop down.
9. Make sure row is selected and under Bottom Actions, select **Submit**.
10. If you are the Confirming Party, select **Actions> Confirm**.

Transfer Summary

Flowing Gas > Storage > Transfer Summary

Filters

* As Of: 06/01/2023

Svc Req Prop: All

Stor Rate Sch: Rate Schedule

Transfer Status: All

Service Delivery Contact: Keith Higginbotham

Svc Req K: Contracts

Retrieve Clear

Download Select All

K Holder Name	Svc Req Prop	Stor Rate Sch	Svc Req K	K Status	Stmt Basis Name	Max Stor Cap	Max AD W/D Qty	Max AD Inj Qty	Pending Transfers	Posted	Posted Transfer Activity		
K Holder	Svc Req ID		Loc								Eff Date	Stor W/D(From)	Stor Inj(To)
1LINE DUMMY GAS CUSTOMER 238908	1LINE DUMMY GAS CUSTOMER 238908	ESS / ES	9272939 1002689	ACTIVE	Estimate	2,000,000	4,900	1,995,100	0			0	0

Transfer Detail

Initiating Party

Tfr Id	Initiating Party Name/Id	Contact Name	Flow Date	Direction	Svc Req K	Stor Rate Sch	Quantity	Pre-arranged Transfer	Svc Req K	Inj (To)	Confirming Party Name/Id	Contact Name	Stor Rate Sch	Status
	1LINE DUMMY GAS CUSTOMER/238908	SSA, 1LINE DUMMY GAS CUSTOMER	06/01/2023	W/D (From)	9272939	ESS / ES	100 <input type="checkbox"/> 100%	<input checked="" type="checkbox"/>	9272979	XYZ LDC/123456	New Gas Co Scheduler			WIP

Confirm Prearranged Storage Transfer

1. Select Navigation > Flowing Gas > Storage > Transfer Summary
2. Select Retrieve.
3. Select data row of desired transfer contract and it will turn yellow.
4. Right click > View Transfers
5. Select > Confirm

Transfer Summary

Flowing Gas > Storage > Transfer Summary

Filters

* As Of: 06/01/2023

Svc Req Prop: All

Stor Rate Sch: Rate Schedule

Transfer Status: All

Service Delivery Contact:

Svc Req K: Contracts

Retrieve Clear

Download Include Nested Select All

K Holder Name	Svc Req Prop	Stor Rate Sch	Svc Req K	K Status	Stmt Basis Name	Max Stor Cap	Max AD W/D Qty	Max AD Inj Qty	Pending Transfers	Posted	Posted Transfer Activity		
K Holder	Svc Req ID		Loc								Eff Date	Stor W/D(From)	Stor Inj(To)
XYZ LDC 123456	XYZ LDC 123456	ESS	9272979 1002689	ACTIVE	Estimate	2,000,000	7,449	1,992,551	100			0	0

Transfer Detail

Comments

- Confirm
- Delete
- Reject
- Save
- Self Transfer Submit/Confirm
- Submit
- Withdraw

Initiating Party

Tfr Id	Initiating Party Name/Id	Contact Name	Flow Date	Direction	Svc Req K	Stor Rate Sch	Quantity	Pre-arranged Transfer	Svc Req K	Inj (To)	Confirming Party Name/Id	Contact Name	Stor Rate Sch	Status
206817073	1LINE DUMMY GAS CUSTOMER/238908	SSA, 1LINE DUMMY GAS CUSTOMER	06/01/2023	W/D (From)	9272939	ESS / ES	100 <input type="checkbox"/> 100%	<input checked="" type="checkbox"/>	9272979	XYZ LDC/123456	New Gas Co Scheduler	ESS	Pending	

Note:

Create Self Storage Transfer

1. Select Navigation > Flowing Gas > Storage > Transfer Summary

2. Select Retrieve.
3. Select data row (of balance to create a transfer to or from) and it will turn yellow.
4. Select **Actions> Request Transfer**.
 - Page is displayed in split screen format.
5. Under Transfer Detail in the Initiating Party section, enter Flow Date, Direction W/D (From) Inj (To) and Quantity (or check 100% option).
6. Check the Pre-arranged Transfer box.
7. Under Confirming Party section, type in your Service Req K, then click on [Get Confirm Party Info](#) link to populate the Confirming Party Name/Id
8. The Contact Name will default to the first name in list, but you can change to anyone in the drop down.
9. Make sure row is selected and under **Bottom Actions**, select **Self Transfer Submit/Confirm**.

Create Storage Transfer – Non Prearranged

1. **Select Navigation > Flowing Gas > Storage > Transfer Summary**
2. Select data row (of balance to create a transfer to or from) and it will turn yellow.
3. Select Action **Request Transfer**.
 - Page displayed with initiating balance in a split screen format.
4. Under Transfer Detail Section, enter Flow Date, Direction (W/D (From) or Inj (To)), Quantity and Prearranged Transfer indicator not checked (Prearranged default = checked (yes)).
5. Select the [Get Confirm Party Info](#) box to populate the Confirming Party contact information.
 - The Posted Storage Balance page is displayed.
6. Select the Confirming Party and appropriate contract.
7. Select **OK**.
8. Select the row then under Transfer Detail Section, select **Save, Submit, add comments, etc**.

Flowing Gas > Storage > Transfer Summary

Filters

As Of: 06/06/2023 Svc Req Prop: All Stor Rate Sch: Rate Schedule

Transfer Status: All Service Delivery Contact: Keith Higginbotham Svc Req IC: Contracts

Retrieve Clear

Download Include Nested Select All Search successfully completed. Records found: 1

K Holder Name	Svc Req Prop	Stor Rate Sch	Svc Req K	K Status	Stmnt Basis Name	Max Stor Cap	Max AD W/D Qty	Max AD Inj Qty	Pending Transfers	Posted	Posted Transfer Activity		
											Eff Date	Stor W/D(From)	Stor Inj(To)
1LINE DUMMY GAS CUSTOMER 238908	1LINE DUMMY GAS CUSTOMER 238908	ESS / ES	9272939 1002689	ACTIVE	Estimate	2,000,000	4,800	1,995,200	-800	X	06/06/2023	500	0

Initiating Party								Confirming Party				Status	
Tfr Id	Initiating Party Name/ID	Contact Name	Flow Date	Direction	Svc Req K	Stor Rate Sch	Quantity	Pre-arranged Transfer	Svc Req K	Confirming Party Name/ID	Contact Name	Stor Rate Sch	
207498943	1LINE DUMMY GAS CUSTOMER/238908	SSA, 1LINE DUMMY GAS CUSTOMER	06/06/2023	W/D (From)	9272939	ESS / ES	500	Yes	Inj (To): 9273039	XYZ LDC/123456	New Gas Co Scheduler	ESS / ES	Pending

Posting Storage Balances

1. Select Navigation > Flowing Gas > Storage > Transfer Summary
2. Select row and it will turn yellow.
3. Update the Effective Date and the Storage Withdrawal or Injection to be posted.
4. Make sure row is selected and select **Actions> Post/Unpost Balance**.
5. You can post or un-post Storage activity from this action.

Home My Dashboard Navigation + Tools Reports Print Logoff

Transfer Summary

Flowing Gas > Storage > Transfer Summary

Filters

As Of: 06/01/2023 Svc Req Prop: All Stor Rate Sch: Rate Schedule

Transfer Status: All Service Delivery Contact: Svc Req IC: Contracts

Retrieve Clear

Download Include Nested Select All Successfully posted and/or unposted quantity and published to the Electronic Bulletin Board (EBB).

K Holder Name	Svc Req Prop	Stor Rate Sch	Svc Req K	K Status	Stmnt Basis Name	Max Stor Cap	Max AD W/D Qty	Max AD Inj Qty	Pending Transfers	Posted	Posted Transfer Activity		
											Eff Date	Stor W/D(From)	Stor Inj(To)
XYZ LDC 123456	XYZ LDC 123456	ESS	9272979 1002689	ACTIVE	Estimate	2,000,000	7,549	1,992,451	0	X	06/01/2023	50	0

Viewing Posted Storage Balances

1. Select **Navigation > Flowing Gas > Storage > Posted Storage Balances**
2. Select **Retrieve** to view Posted Storage Balances

Posted Storage Imbalances

Gas Flow Date: 06/06/2023 TSP Name: TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC [Download](#)

Statement Date/Time: 06/06/2023 09:31:01 TSP: 007933021

K Holder Name	Svc Req Name	Posted Qty	Transfer Dir	Storage Type	Svc Req K	Svc Req Contact	Svc Req Phone
1LINE DUMMY GAS CUSTOMER 238908	1LINE DUMMY GAS CUSTOMER 238908	500	Due TO Svc Req	Storage ES	9272939	SSA, 1LINE DUMMY GAS CUSTOMER	(713) 215-4344
123456789 XYZ LDC	123456789 XYZ LDC	50	Due TO Svc Req	Storage ESS	9272979	NEW GAS CO SCHEDULER	(713) 215-2374

Available Storage Reports

Detail Inventory Balance - provides a detail view of the storage location balance by contract.

Excess Storage Report - also available in data file.

Inventory – Month to Date - provides a quick look at activity for all storage contracts including the ending balance.

Storage Adjustment Details - displays source of adjustments including linked transactions.

Storage Contract Limits - displays storage contracts that have ratchets; includes ratchet levels and quantities.

Storage Statement - also available as a data file.

Storage Transfer - provides a list of storage transfers by BA for a day or range of days where the BA is either the initiating or confirming party on the transfer(s).

Unbundled Storage Activity Report - summary and detailed view of storage activity at unbundled storage locations by BA/Contract. Also available as a data file.

Storage Glossary

Adjusted MDIQ: MDIQ adjusted for capacity release quantities.

Adjusted MDWQ: MDWQ adjusted for capacity release quantities.

Adjusted MSQ: MSQ adjusted for capacity release quantities.

Adjustment Quantity: The quantity applied to adjust the storage inventory at a storage location.

Deliverability: The amount of gas that can be delivered (withdrawn) from a storage facility on a daily basis.

Injection Capacity (or Rate): The amount of gas that can be injected into storage facility on a daily basis.

MDIQ: Maximum Daily Injection Quantity

MDWQ: Maximum Daily Withdrawal Quantity

MSQ: Maximum Storage Quantity

Net Activity: Net injections minus gross withdrawals.

Net Trade: In-field transfer activity.

Net Adj (Adjustment): Current month and prior month adjustments.

Ratchets: Reduced levels of allowed injections or withdrawals which correspond to the physical capabilities. Ratchets are applied at a customer level based on the time of the year as well as the individual customer storage balance for a particular service. Each storage service has its own set of ratchets.

SMG: Storage Management Gas

Monthly Verification of Storage Balances

Once storage balances are final for a month, 1Line will generate and send an e-mail confirmation to customers with storage contracts. E-mail content will include the storage rate schedule, contract, the beginning and ending balances for the flow month, and a designated response date. E-mail notifications will be sent to customer representatives assigned to the Storage View role.

Storage customers will be asked to reply to Leslie.Milner@williams.com and copy their assigned Commercial Service Representative.

Noted differences on the Storage Balances Confirmation will need to be retroactively resolved with your assigned Commercial Services Representative.