

Agenda



AGENDA

1. Welcome and Introduction

2. Safety Moment

3. Shipper Inventory Balancing

a. Obligation enforcement

b. Proposed 10-day roll through of Previous Monthly Balance

4. Reliance on Interruptible Transport, Curtailment Risk and Winter D-19 Interruptible Rates

5. Nomination Deadlines (including upcoming time change)

6. MyTransGas Tips and Tricks

a. How to Copy Nominations into next month

b. Importance of Accurate Nominations

c. Contracting Preparedness

d. Trades

7. Questions and Answers and Wrap-up

ADJOURN

Tanya Lang
Alicia Glines
Alexis Schmidt

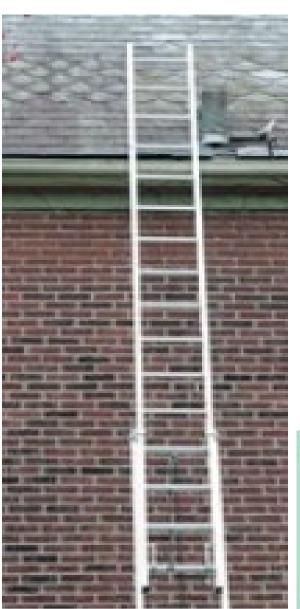
Adam Tulloch Adam Tulloch

> Sandra Zaghloul Sharla Sparvier Linzie Dean Sharla Sparvier



Safety Moment





Which should you do when using an extension ladder?

- 1. Keep your weight in the middle of the ladder, and refrain from leaning to the side.
- 2. Inspect the ladder before use and do not climb up if you notice broken or slippery steps.
- 3. Pay attention to where you rest your ladder, as it can be a 'shockingly bad' situation if it makes contact with an electrical line.
- Unless you are an expert, do not carry heavy items with both hands while going up and down the ladder.
- 5. If you must place your ladder in front of a door, make sure it's locked and/or blocked off.





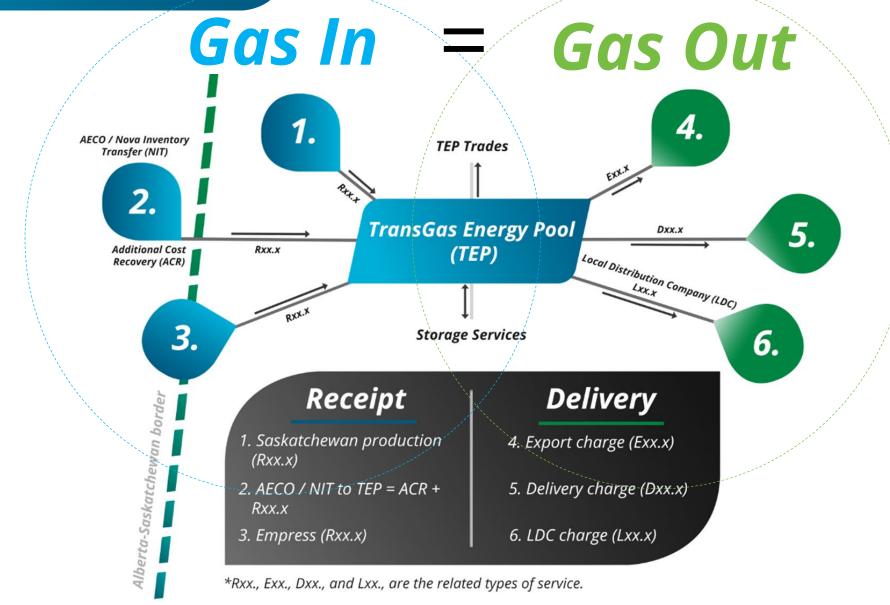
Agenda



- Shipper balancing 2021 Recap
- What to expect November 1, 2021
 - Obligation enforcement
 - Example
- Inactive Roll Through change
- Next steps

Shipper Balancing





Recap: 2018 Tariff Change



4.3 Shipper's Balancing Obligation

Shipper shall ensure that the Customer Energy Imbalance on Shipper's Imbalance Account(s) is within the Shipper's Allowable Daily Tolerance, given the following...

Effective November 1, 2021

4.4 Obligation Enforcement - NEW CLAUSE

In the event Customer fails to comply with Clause 4.3 on any Day, TransGas, to the extent necessary to ensure compliance with Clause 4.3, may:

- (i) Adjust Customer's current Day Nominations and acquire more or less Gas into Shipper's Imbalance Account;
- (ii) Adjust Customer's allocations received from the Common Stream Operator to match current Day Nominations;
- (iii) Settle the difference in quantity by purchasing or selling gas at the price specified in the TEP Service Specifications.
- (iv) Cancel prior to the end of the next Day, all or a portion of any title transfer(s) from the Shipper's Imbalance Account at TEP.

4.5 Right to Restrict Flows

In the event Customer fails to meet the Shipper Balancing obligation, TransGas reserves the right to restrict flows at Points of Receipt and Delivery to ensure compliance.

Recap: To Date



- Update at June 2021 Customer Dialogue
- Information Session held for all Shippers in June 2021
- Since April, ongoing communication between TransGas and Shippers
 - Create awareness and prepare customers for enforcement of Daily Shipper Account on November 1, 2021
- After the 20th of the month, Shippers are expected to be aware of their Inactive Roll Through (previous monthly balance) and can start preparing for that
- Appreciate customers who have responded well

What to Expect

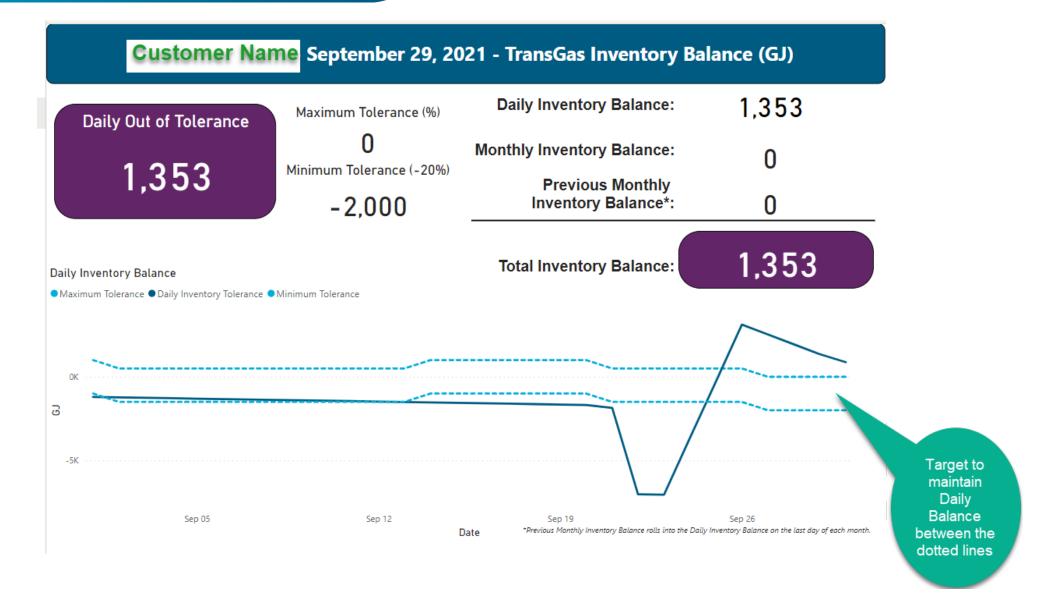


- Continued communication (from Alicia, Adam, or Alexis) for customers who are not within tolerance
- Strict enforcement on your Daily Shipper Account
 - TransGas has the ability to leverage obligation enforcement rules in Tariff as of November 1, 2021

<u>Activity</u> <u>Date</u>	<u>Daily</u> <u>Balance</u>	Current Mthly Bal	Previous Mthly Bal	Combined Inventory Balance (Daily + Current Month + Prev Month)	Total Daily Activity	Activity for Tolerance	Tolerance % Limits	<u>Calculated</u> <u>Tolerance</u> <u>Limits Min / Max (GJ)</u>	Combined Inventory Out of Tolerance	Days out of Toleranc e
2021-Jul-28	4,614	159	(135)	4,638	71,795	35,898	- 10%/ 10%	-3590 /3590	1,048	
2021-Jul-29	7,680	42	(135)	7,587	70,320	35,160	- 10%/ 10%	-3516 /3516	4,071	
2021-Jul-30	8,166	53	(135)	8,084	72,772	36,386	- 10%/ 10%	-3639 /3639	4,445	
2021-Jul-31	8,298	53	0	8,351	73,002	36,501	- 10%/ 10%	-3650 /3650	4,701	
2021-Aug-01	5,103	0	53	5,156	66,554	33,277	- 10%/ 10%	-3328 /3328	1,828	
2021-Aug-02	2,409	0	53	2,462	66,053	33,027	- 10%/ 10%	-3303 /3303	0	
2021-Aug-03	(612)	0	53	(559)	66,380	33,190	- 10%/ 10%	-3319 /3319	0	
2021-Aug-04	2,309	0	53	2,362	64,438	32,219	- 10%/ 10%	-3222 /3222	0	
2021-Aug-05	2,522	0	53	2,575	67,146	33,573	- 15%/ 5%	-5036 /1679	896	
2021-Aug-06	1,894	0	53	1,947	67,987	33,994	- 15%/ 5%	-5099 /1700	247	
2021-Aug-07	1,390	0	53	1,443	67,863	33,932	- 15%/ 5%	-5090 /1697	0	
2021-Aug-08	(61)	0	53	(8)	68,810	34,405	- 15%/ 5%	-5161 /1720	0	
2021-Aug-09	(60)	0	53	(7)	73,268	36,634	- 15%/ 5%	-5495 /1832	0	
2021-Aug-10	4,945	0	53	4,998	73,264	36,632	- 15%/ 5%	-5495 /1832	3,166	1

What to Expect





Obligation Enforcement



- If account is <u>out of tolerance</u> for more than a day or two, and you have not taken swift steps to come back within tolerance range:
 - TransGas Customer Service will reach out to you via email and/or phone to notify that you must get in tolerance by the next day
- Customers must get into tolerance within 24 hours of being notified
- TransGas' discretion to enforce mechanisms at any time
- Will be subject to Obligation Enforcement
- TransGas may adjust the tolerance minimum and maximum ranges

Obligation Enforcement



1. Settle the difference in quantity by purchasing or selling gas at the price specified in the TEP Service Specifications

Cost of gas purchased:

Actual Gas cost + Incremental Transport Cost + Inventory Management Fee of \$1.00/GJ

Cost of gas sold:

Credit Actual Gas cost - Incremental Transport Cost - Inventory Management Fee of \$1.00/GJ

2. Right to enforce through nomination adjustment, cancelling a trade and allocation changes

Example



- 1. 10:30 today customer is out of tolerance
- 2. TransGas notifies customer to balance by 10:00 tomorrow
- 3. Tomorrow, customer is still out of tolerance
 - a) TGL notifies customer we will purchase or sell a specific amount of gas and customer can expect to see it in their account
- 4. Customer will see shipper account adjusted when gas is put in or moved out of account
- 5. Costs as outlined in the previous slide will be included on future customer invoice



 The Previous Monthly Shipper Account is rolled into the Daily Shipper Account on the last day of the following month – this balance is often referred to as the *Inactive Roll Through*

Example:

- September Monthly Shipper account moved over to Previous Monthly Account as of October 1st
- Daily Shipper account on October 31st
- Prior to June 1, 2016, customer's previous Monthly Shipper Account rolled through the last 10 days of the month (or less)
- TransGas has tested and confirmed this can be re-introduced
- Preliminary discussions with customers has been positive



Current Method:

Shipper has a +5,018 GJ Roll Through.

NOVEMBER 2021							
SUN	MON	TUE	WED	THU	FRI	SAT	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19 INVOICE	20	
21	22	23	24	25	26	27	
28	29	30 GJ					



Current Method:

Shipper has a +5,018 GJ Roll Through.

5,018 GJ is added to Daily Shipper Account on last day of the month.

NOVEMBER 2021							
SUN	MON	TUE	WED	THU	FRI	SAT	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19 INVOICE	20	
21	22	23	24	25	26	27	
28	29	30 +5018					



New Method:

Shipper has a +5,018 GJ Roll Through.

NOVEMBER 2021							
SUN	MON	TUE	WED	THU	FRI	SAT	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19 INVOICE	20	
21	22	23	24	25	26	27	
28	29	30					



New Method:

Shipper has a +5,018 GJ Roll Through.

5,018 GJ is added to Daily Shipper Account over the last 10 days of the month.

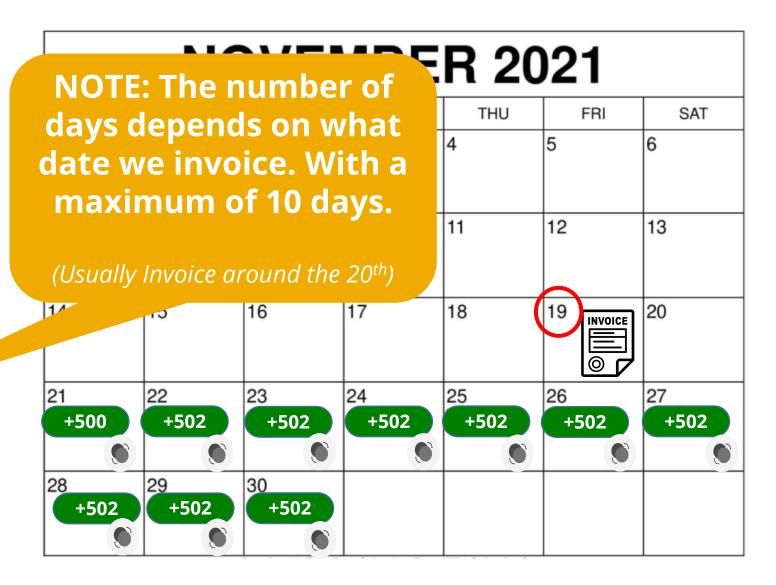
NOVEMBER 2021						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19 INVOICE	20
+500	+502	+502	+502	25 +502	26 +502	+502
+502	29 +502	+502				



New Method:

Shipper has a +5018 GJ Roll Through.

5018 GJ is added to Daily Shipper Account over the last 10 days of the month.





New Method: Extra Example

Shipper has a +690 GJ Roll Through.

690 GJ is added to Daily Shipper Account over last 7 days of the month

NOVEMBER 2021						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19 INVOICE	20
21	22	23	+90	25 +100	26 +100	+100
28 +100	+100	+100				



- The number of days the roll through is divided up by depends on the number of days remaining in the month after invoicing. (I.E. February could be less than 10 days).
- Prior Period Adjustments (PPAs) will be part of the roll through.
- The smaller amount will be at the beginning of the roll through.
- If the roll through is less than 100 GJ, it will appear on the last day.
- The maximum amount of days for the roll through is 10 days.
- Information will be available on Inactive Roll Through report.

Next Steps



- Continued informal communication
- Formal communication
- FAQ documentation
- Update reporting
- Implement Inactive Roll Through over 10 days (or less)

Questions







2021 TransGas Information Session

Obligation Enforcement (Inventory Balancing) Changes

October 13, 14, 19, and 21, 2021

For discussion purposes

Interruptible Transport & Curtailment Risks

Adam Tulloch

What is Interruptible Service?

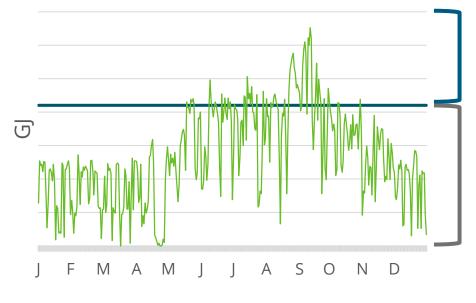


Firm Service (Contracted Capacity)

- > Reserved capacity on the TransGas system
- > Monthly charge regardless of if reserved capacity is utilized*

Interruptible (IT)
Service

- > Gas delivered above the firm service amount
- > Charged per GJ flowed



IT Flows

Any flows exceeding the Firm Service Quantity (Contracted Capacity) each day are considered IT flows

Firm Flows

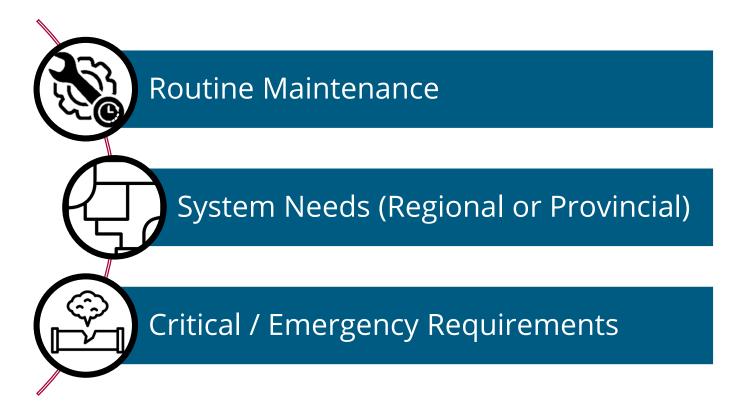
Any flows not exceeding the Firm Service Line (Contracted Capacity) are considered firm flows

Interruptible Service Risks



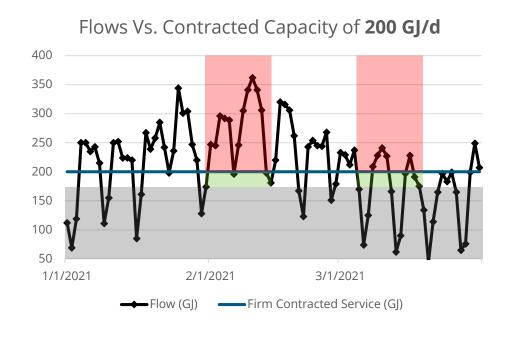
Interruptible Service is not a guaranteed service

What Could
Cause an
Interruptible
Service
Curtailment?

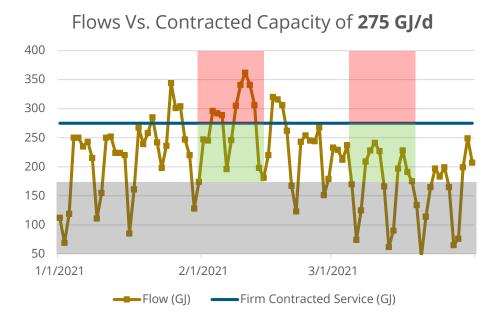


Interruptible Curtailment Impact









IT Curtailments May Force a Company to Limit their Production or Temporarily Shut Down

Supply Risk Mitigation



To Mitigate Supply Risk, Increase Contracted Capacity

D11, D21, and R11 Services

Prevents Production Shut/Slowdown (and associated lost revenue)

Reduced Total Charges of Interruptible Flow (contracted capacity is cheaper per GJ)

Ability to Flow More During IT Curtailment

Cost of Incremental Firm Contracted Capacity

D31 & D51 Services

Only charged for actual flows. Interruptible & firm rates are the same

No downside of contracting to peak flow to limit IT curtailment impact

D-19 Summer Vs. Winter



Who is Affected by these Rates?

Only Customers with D-11.0 Service

Not sure what your service is?

Check your TransGas contract's

Check your TransGas contract's

Type of Service", or reach out to

"Type of Service", or reach out to

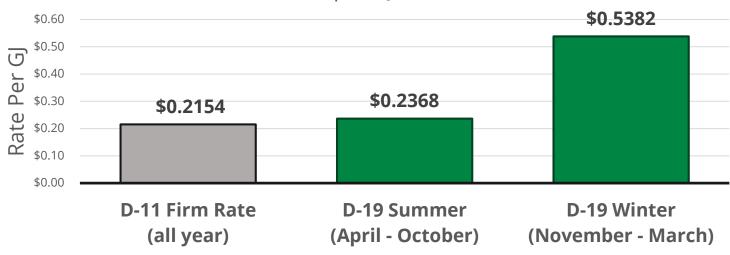
Your Key Account Manager or

Your Key Account Manager or

Your Key Account Manager or

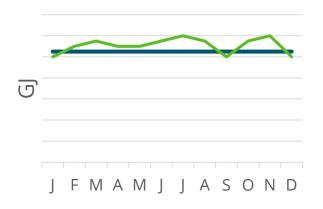
What are the D-19 Interruptible Rates?

D-11 Firm Vs. D-19 Interruptible Rates (per GJ)



D-19 Examples





8,000 GJ of IT Flow / Year

Pre April 2021 Rates IT Charges: \$2,107

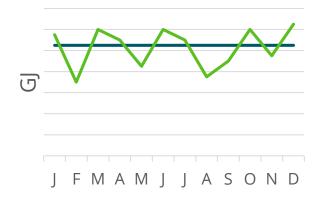
Current Rates IT Charges **\$2,745**



8,000 GJ of IT Flow / Year

Pre April 2021 Rates IT Charges: \$2,107

Current Rates IT Charges **\$4,306**



8,000 GJ of IT Flow / Year

Pre April 2021 Rates IT Charges: \$2,107

Current Rates IT Charges \$3,171

Different Flow Profiles will be Impacted Differently

Questions



Ensure your company is contracted appropriately!





Different Services, Different Deadlines



TransGas Services have different nomination cycles depending on the flexibility TransGas can offer

1. Intra-Provincial Services

• 5 Nomination Cycles

2. NIT to TEP Service

• 3 Nomination Cycles

Export & Receipt for All Mainline Locations (Empress, SSDA, etc.) and McNeill

• 1 Nomination Cycles

1. Intra-Provincial Services



Services Included

Intra-Provincial Delivery Intra-Provincial Receipt Storage Services

Nominations are placeholders for shipper accounts until measurement is available for Deliveries & Receipts

Retroactive <u>Storage</u> nominations can be requested up to five days back; this is <u>not</u> guaranteed and subject to approval

Nomination Cycle	Nomination Deadline	Begin Date/Time Gas Flow	Decrease Allowable
Timely	11:30	Tomorrow at 9:00	100%
Evening	16:00	Tomorrow at 9:00	100%
Intraday 1	8:00	Today at 14:00	79%
Intraday 2	12:30	Today at 18:00	63%
Intraday 3	16:00	Today at 22:00	54%

2. NIT to TEP Service



Service Included

NIT to TEP

Fewer nomination cycles as TransGas creates a master plan each day to bring customer nominated gas across the Alberta border through 9 interconnects

No revised or new NIT to TEP nominations after Intraday 2 & 3 deadline (10:00)

Nomination Cycle	Nomination Deadline	Begin Date/Time Gas Flow	Decrease Allowable
Timely & Evening	10:00	Tomorrow at 9:00	100%
Intraday 1	8:00	Today at 14:00	79%
Intraday 2 & Intraday 3	10:00	Today at 18:00	63%

3. Mainline & McNeill Services + Other Bits



Services Included

Export & Receipt for All Mainline Locations and McNeill

Nomination Cycle	Nomination Deadline	Begin Date/Time Gas Flow	Decrease Allowable
Timely & Evening	10:00	Tomorrow at 9:00	100%

Empress is a next-day market; nomination cycle aligns with this

Same-day (intraday) changes are not permitted for these services

Other Bits!

- 1. For services requiring interconnecting pipeline nominations, TransGas' deadlines apply
- 2. Daylight savings time will adjust deadlines; TransGas emails Shippers when this happens
- 3. All deadlines are in Sask. Time

View the Deadlines



Posted on www.transgas.com **Customer Central** Menu **Nomination Deadlines** Page

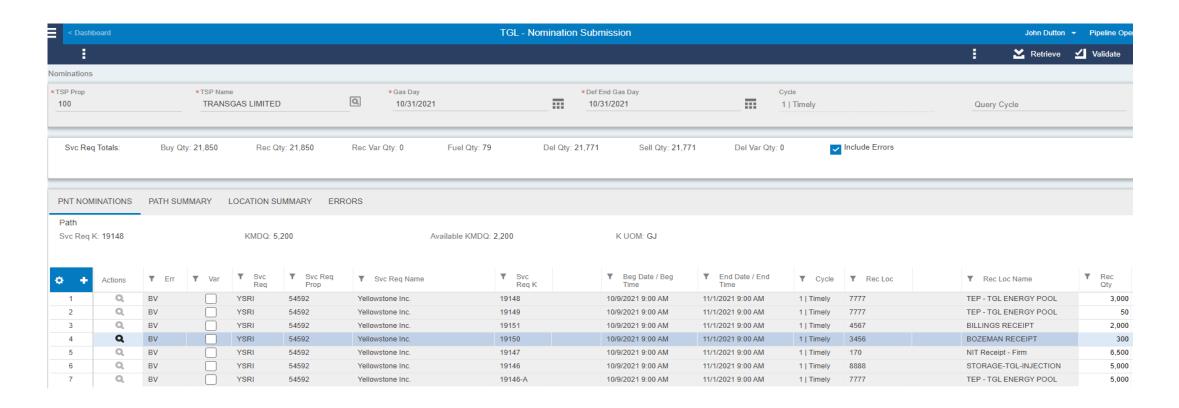






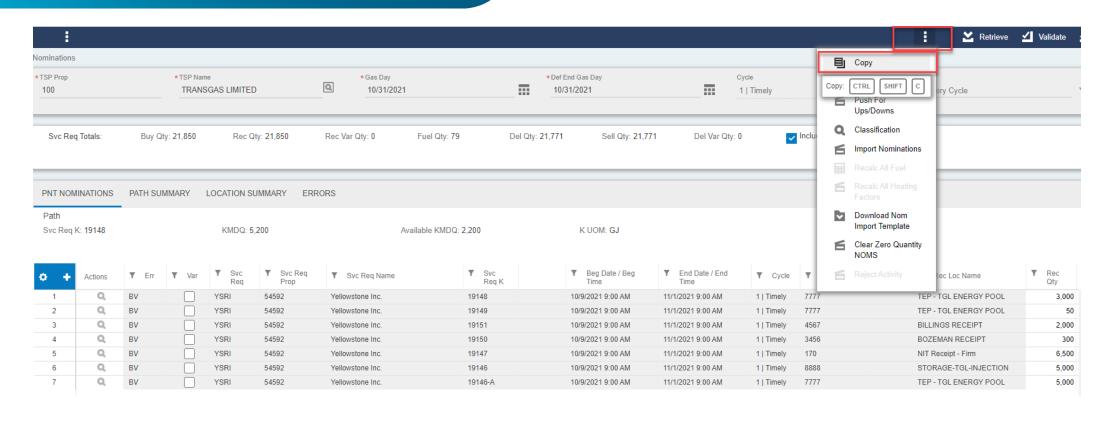






- To copy nominations from current month to the next, start by selecting last day of current month as Gas Day
- Click Retrieve

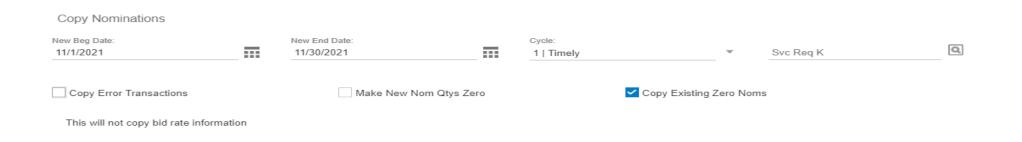




Click on the 3 dots in the top right corner of the screen and then click on Copy.



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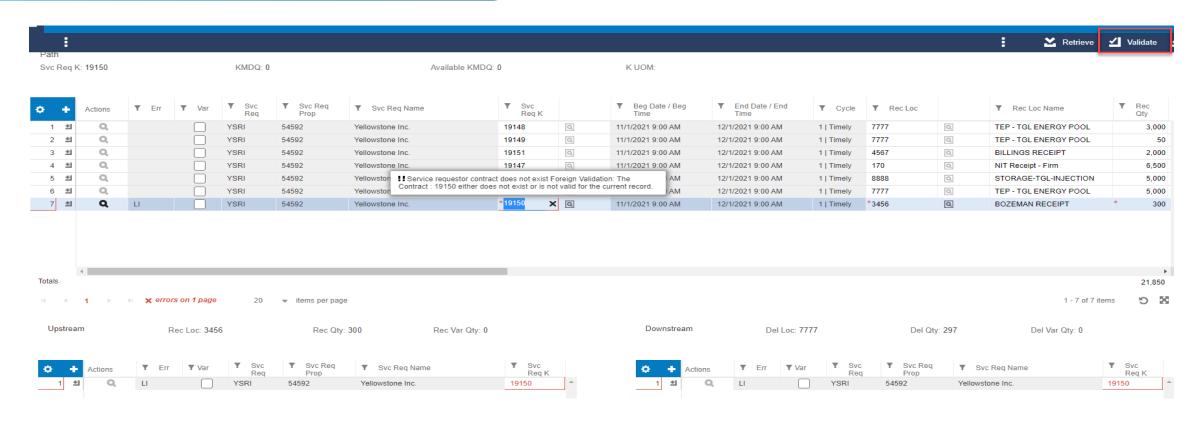


- Enter the Beginning and End Date of the next month
- Uncheck "Copy Error Transactions"
- Uncheck "Make New Noms Qtys Zero"
- Check "Copy Existing Zero Noms"
- Click on "Copy"



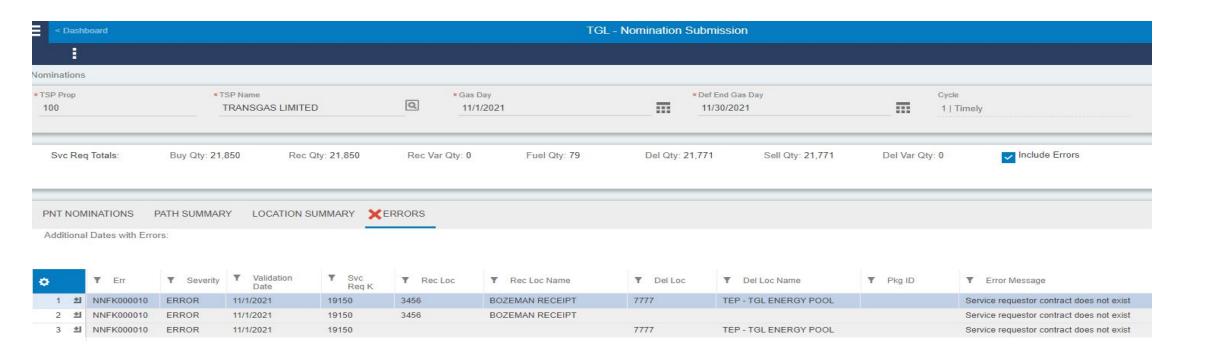






- Click Validate
- If there are no errors, click on Submit. Nominations have been successfully copied to the next month
- If there is an error with the nomination, the Err status will report as LI (Line Invalid) or BI (Business Invalid). If the user hovers their mouse over Svc Req K (Contract) or the line number, user will see the details of the error message





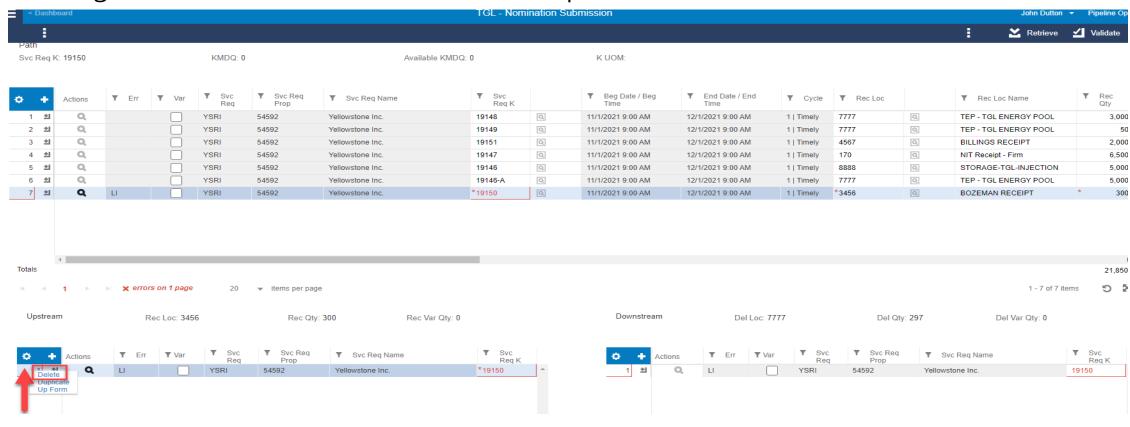
The user can also click on the Errors tab and see the error message.

Deleting invalid contracts



If the user copied over nominations on contracts that are no longer valid, the user will need to delete these nominations by:

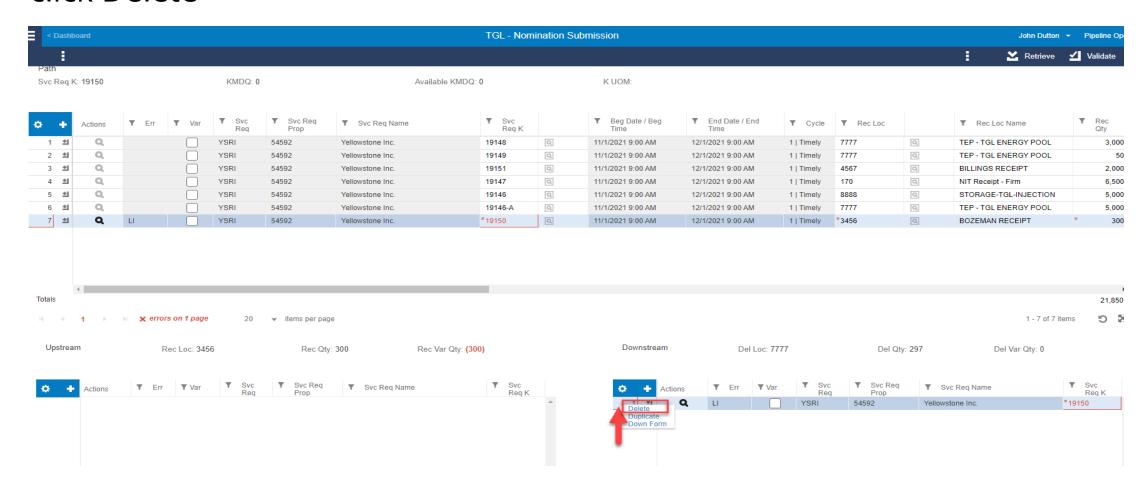
- 1. Clicking on the Path nomination which contains the invalid contract
- 2. Right click in the corner of the line in the upstream section and click Delete



Deleting invalid contracts



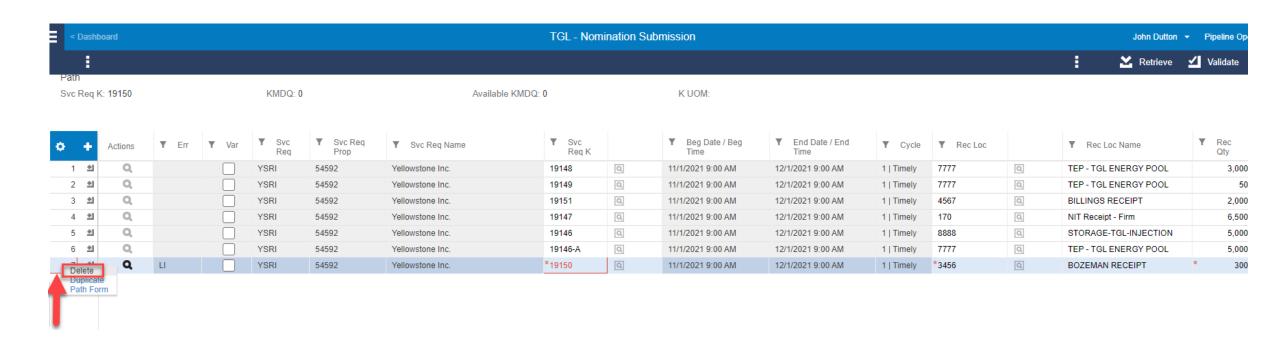
3. Right click in the corner of the line in the downstream section and click Delete



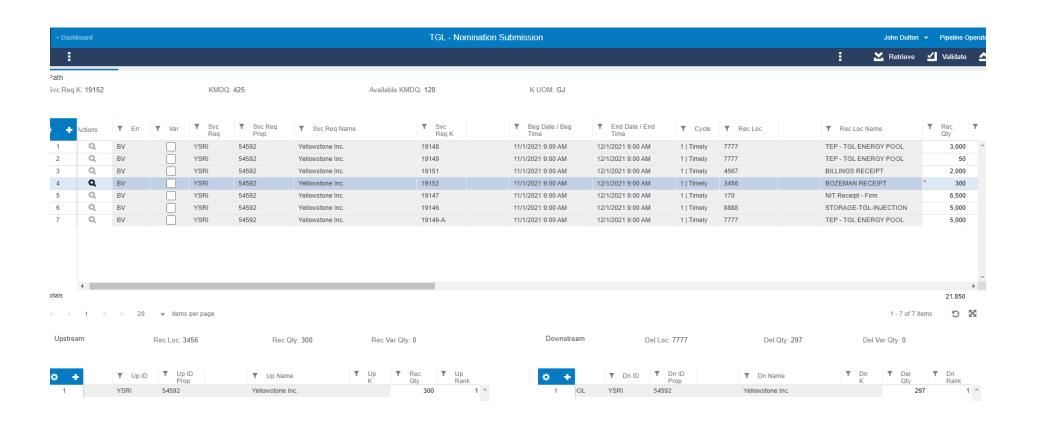
Deleting invalid contracts



4. In the Path section, right click on the line number and click Delete







- Enter new contracts if applicable
- Click Validate and Submit









- Accurate nominations can minimize your Inactive Roll
 Through as well as ensure Daily Shipper is as accurate as possible.
 - If a meter does not have daily measurement, the shipper account will use the nomination until the measurement comes in the following month.
 - If we experience issues with daily measurement, the system will allocate the nomination until the issue has been resolved.
 - If a meter is taken down for emergency or planned maintenance,
 the nomination needs to be changed to 1 GJ.
- TransGas Operations and Planning use nominations to efficiently run the system.

TSP_NO: 100

LOC: 1234



- When placing nominations for standard Receipt or Delivery meters, customers should nominate what they expect to flow.
- In the example below, the customer does not have daily measurement. They nominated 1 GJ/d and were allocated 1 GJ/d due to not having daily measurement.

Monthly Activity Report

Production Month: Sep 2021

Quantities are in GJs

Trans

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Nom	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
Allocation	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
Nom - Allocation	0	0	0	0	0		0		0	0		0			0	0	0	0	0	0	0		0	0	0	0	0	0	0	C	a



- On October 5, TransGas processed the actual measurement for the month of September for Meter 1234. The meter flowed 500 GJ/d.
- This resulted in a Monthly Inactive Roll Thru of -14,970 GJs for this meter.

Monthly Activity Report

TSP_NO: 100 BP_NO: 0 LOC: 1234 Production Month: Sep 2021 Quantities are in GJs

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Nom	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
Allocation	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	15,000
Nom - Allocation	(499	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(499)	(14,970)





• If the customer had nominated 450 GJ/d, the impact to their Inactive Roll Through would have been a total of -1,500 GJ.

Monthly Activity Report

Trans(

TSP_NO: 100 BP_NO: 0 LOC:1234 Production Month: Sep 2021

Quantities are in GJs

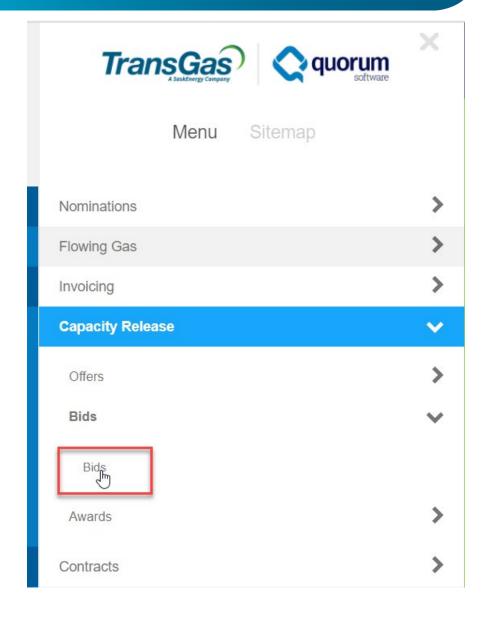
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Nom	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	45	13,500
Allocation	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	50	15,000
Nom - Allocation	(50)	(50)	(50)	(50	(50)	(50)	(50)		(50)	(50)	(50	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50	

This report (RPTLG_AL35 Monthly Activity Report) can be ran after we have finalized
measurement for previous month and used to revise nominations for the remainder of the
month to estimate the meter flow.











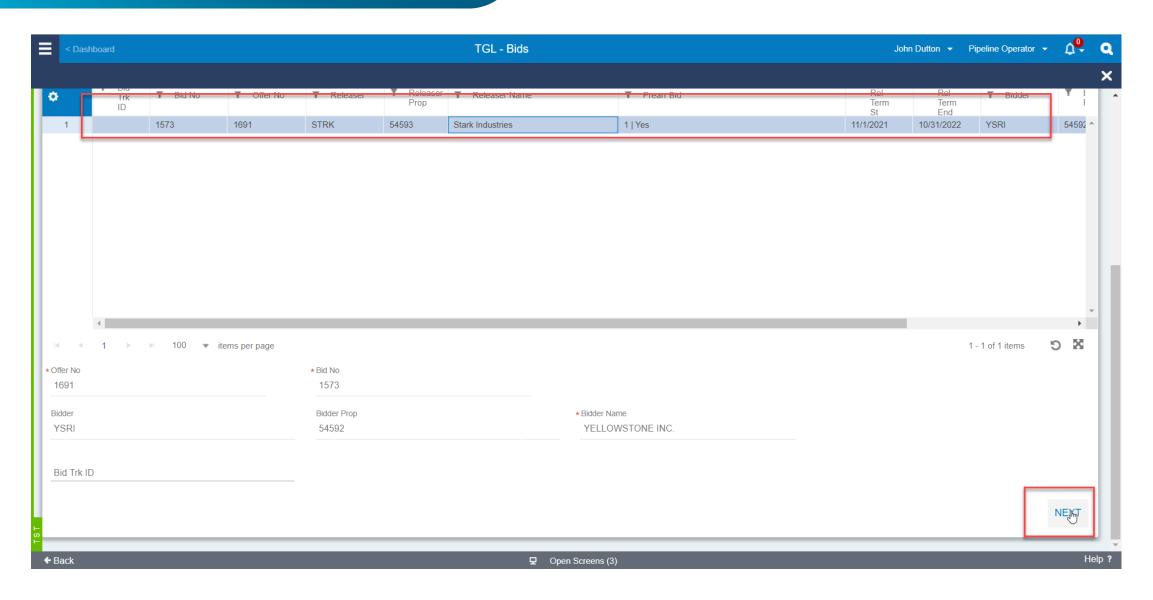
Temporary assignments are processed on a monthly and yearly basis.

- An assignor will assign transportation, at a specific location, to an assignee.
- Most assignments are signed out for the duration of the assignor's contract term.
 When this occurs, TransGas enters the assignor's Offer into our system for the assignee to accept.

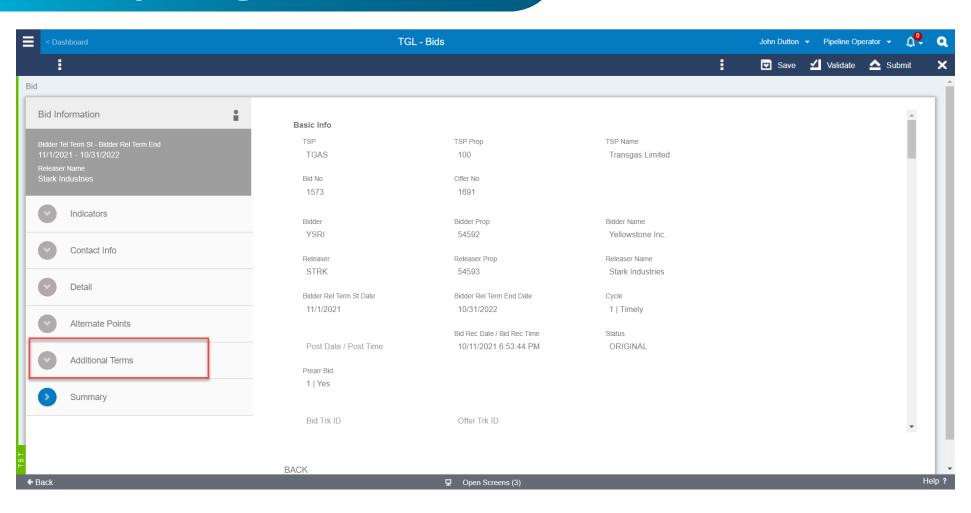
To accept a bid:

- click on Dashboard on MyTransGas home page
- Capacity Release -Bids





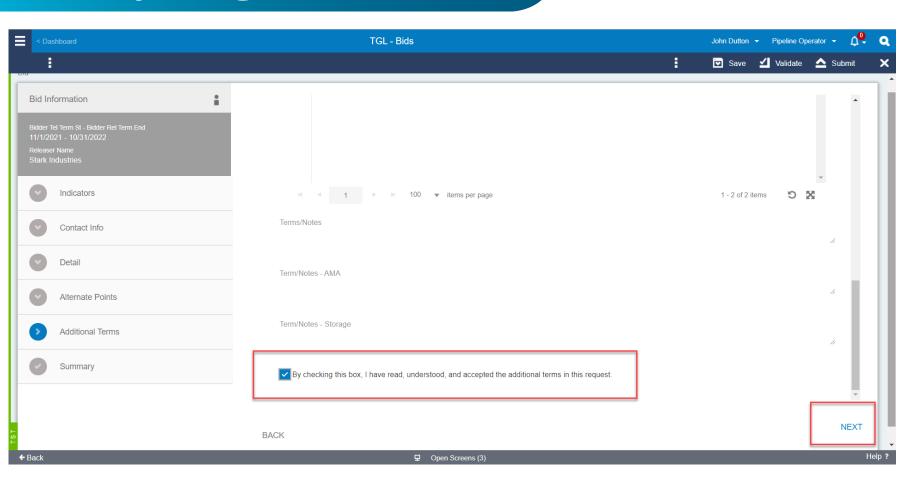




Summary Page

Click on Additional Terms

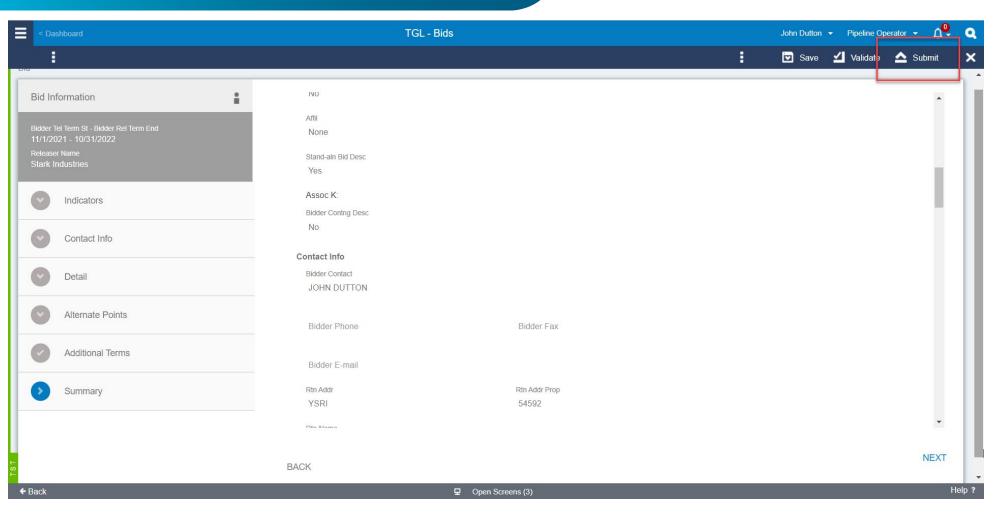




Scroll to bottom of page. Check off that you have read, understand and accept the terms of the request.

Click Next.





Return to the Summary Page.

Click Submit

Bid has been successfully posted.

TGL Contracting will receive an email that the bid has been accepted.

It will go through approval process and get awarded.

An automated email is sent to the contact on the bid with the new contract number.







Contracts Reminders



- We send out assignment forms at least 10 days before end of month
 - At year-end we send out earlier due to the volume
- We require <u>five</u> business days for processing
 - Processing assignments or a change in contracts requires approval from other departments at TransGas, such as Operations and Planning. This can take time.
- Please send any changes in contracting contacts, such as individuals in charge of signing documentation, so we can keep our records updated.
- DocuSign is the application we use for any TransGas documentation that requires a signature.







Trades – Did you know?

Display Additional Information



		TGL - Dat	e Range Imbalance Trade			John Dutton	▼ Pipeline Op	perator - (
					- 1	🔀 Retrieve	≦ Withdraw	w 벌 New
tiate and Confirm Imbalance Trades for a Range	of Days							
TSP TGAS	*TSP Prop 100		*TSP Name Transgas Limited		Q			
Imb Trade ID 45564		Trade Start Date 10/11/2021		Trade End Date 10/12/2021				
Trd Otly Requested 500		Imbalance Trade Direction FROM INIT TRDR		Status Processed				
Initiating Trader Initiating Trader YSRI			Confirming Trader Confirming Trader STRK					
Initiating Trader BA 54592			Confirming Trader BA 54593					
Initiating Trader Name Yellowstone Inc.			Confirming Trader Name Stark Industries					
Contact Name John Dutton			Contact Name TONY STARK					
Phone Number (306) 555-5555			Phone Number (306) 777-7777					
Contract			Contract 19154					

After accepting or entering a trade in the Date Range Imbalance Trade screen, users can click "New" to clear the screen to enter a new trade or search for another trade to accept.





