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## Pipeline Diversions

T-North and T-South  
Help Documentation

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## Definitions

### T-South Diversion Definitions (Zone 4)

**Upstream Diversion:** The diversion of gas from a downstream delivery point/area at which the shipper currently holds firm service to an upstream delivery point/area at which the shipper does not hold firm service.

**Downstream Diversion:** The diversion of gas from an upstream delivery point/area at which the shipper currently holds firm service to a downstream delivery point/area at which the shipper does not hold firm service

**Alternate Receipt Point:** The diversion of gas from a receipt point/area at which the shipper currently holds firm service to an alternate receipt point that is either an upstream or downstream receipt point/area at which the shipper does not hold firm service. In order to divert gas, the diversion location must have available capacity.

### T-North Alternate Diversion Definitions (Zone 3)

**In-Path:** Nominating an alternate receipt or delivery location that lies wholly within the TNLH firm contracted service segment

- The alternate route must keep the same contracted flow direction
- The scheduling priority of an alternate receipt or delivery location is determined according to whether the location is on either a **Restricted** or **Unrestricted lateral**

**Out-of-Path:** Nominating an alternate receipt or delivery location that lies partially outside of the TNLH firm contracted service segment

- The alternate route must keep the same contracted flow direction

### T-North Laterals are defined as:

- **Unrestricted Laterals:** A lateral with throughput capacity that is equal or greater than the aggregate upstream supply capability. E.g. Sikanni Lateral matches Sikanni Gas Plant capability.
- **Restricted Laterals:** A lateral with throughput capacity that is less than the aggregate upstream supply capability. E.g. Aitken Creek Lateral cannot handle the delivery capabilities of all upstream receipt points (Highway + Aitken Creek Storage).

**Not considered an Alternate Receipt/Delivery:** Nominating an alternate receipt or delivery location that creates a segment that is wholly outside the TNLH firm contracted segment

## Scheduling Priorities effective January 1, 2013

### T-North Scheduling Priorities effective January 1, 2013

1. Firm Service: Locations specified in firm contract and In-Path alternate receipt and delivery points along an Unrestricted Lateral.
2. Firm Secondary: In-Path alternate receipt and delivery points along a Restricted Lateral
3. Firm Secondary Tier 2: Out-of-Path alternate receipt and delivery points
4. Authorized Overrun
5. Interruptible

### T-South Scheduling Priorities are different from T-North as of January 1, 2013.

**Note: the scheduling priorities are not the same for T-North and T-South**

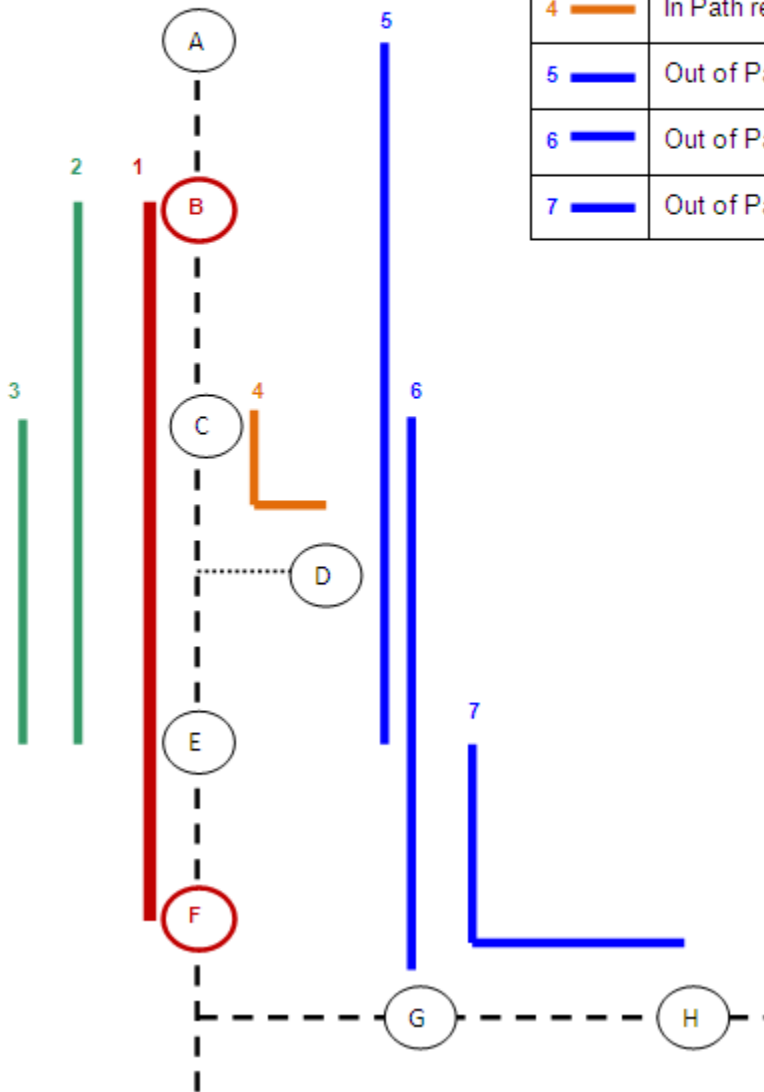
1. Firm Service
2. Upstream Diversions
3. Authorized Overrun
4. Downstream Diversions and Interruptible

### Diversions Business Rules

T-North Alternate Diversions	T-South Diversions
1. In Path and Out of Path diversions utilize Firm Entitlements.	1. Upstream and Downstream diversions utilize Firm Entitlements.
2. TNSH diversion segments will be available on Firm TNLH contracts. A TNSH diversion segment will be scheduled using the higher priority firm classifications and will consume firm entitlement volume. While there is no TNSH toll crediting for diversions regular TNSH cross crediting will continue for unutilized TNSH Firm.	2. Upstream and downstream diversions consume T-South firm volume. There is no toll crediting for Upstream diversions and there is a commodity charge for the toll differential for the extension portion of the authorized downstream diversion.
3. When an alternate receipt point is nominated the Pipeline invoicing process determines the volume based on the heating value of the alternate receipt point on the authorized transportation segment.	3. When an alternate receipt point is nominated the Pipeline invoicing process determines the volume based on the heating value of the alternate receipt point on the authorized transportation segment.
4. Restricted Laterals include the Aitken Creek Lateral and the Sunset Creek Interconnect Lateral. Alternate receipt and delivery in path segments for the following locations are scheduled as Firm Secondary: <ol style="list-style-type: none"> <li>a. Aitken Creek Storage</li> <li>b. Highway</li> <li>c. Townsend Fuel (A-095G)</li> <li>d. Sunset Creek Interconnect</li> </ol>	4. There are no restricted lateral diversions in T-South.
5. T-North Link contracts and backhaul segments are not included in the creation of alternates or as alternates for other firm service contracts.	5. The Kingsgate delivery location is not included in the creation of upstream or downstream diversions.

T-North Alternate Receipt and Delivery Diversion Examples

--- Mainline  
 ..... Restricted lateral



Path	Nomination	Receipt	Delivery
1	TNLH Firm Contract	(B)	(F)
2	In Path unrestricted	(B)	(E)
3	In Path unrestricted	(C)	(E)
4	In Path restricted	(C)	(D)
5	Out of Path	(A)	(E)
6	Out of Path	(C)	(G)
7	Out of Path	(E)	(H)

**Note:** This example does not include all possible alternate segments for the noted firm contract.

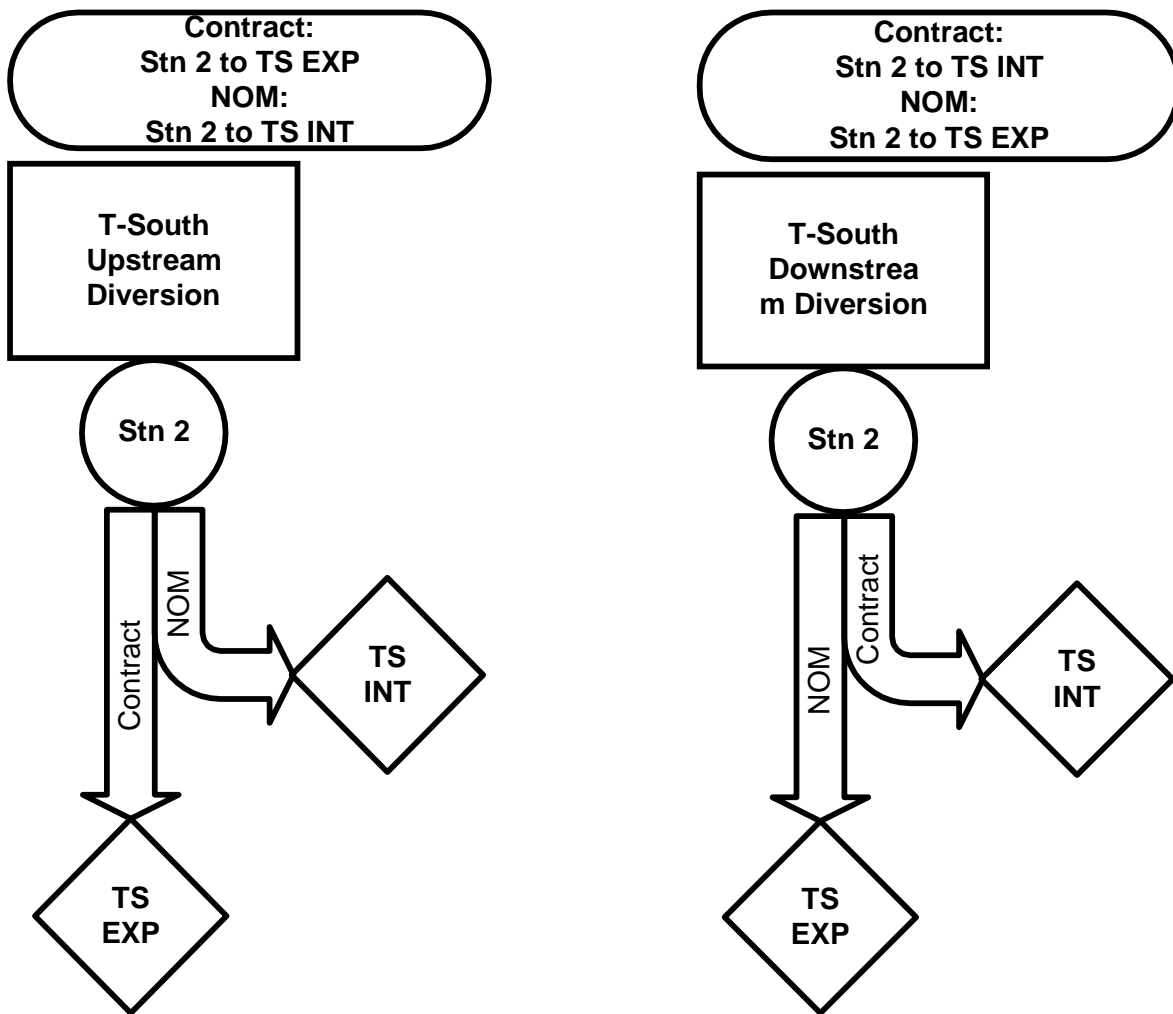
## T-South Diversion Examples

### Upstream (U/S) Diversion

An example of a T-South upstream diversion is when a Firm Service Contract for Station #2 (Stn 2) to T-South Export (TSEXP) or Lower Mainland is used to nominate (NOM) and deliver gas from Station #2 to T-South Interior Division (TSIND).

### Downstream (D/S) Diversion

An example of a T-South downstream diversion is when a Firm Service Contract for Station #2 to T-South Interior Division is used to nominate and deliver gas from Station #2 to T-South Export or Lower Mainland.

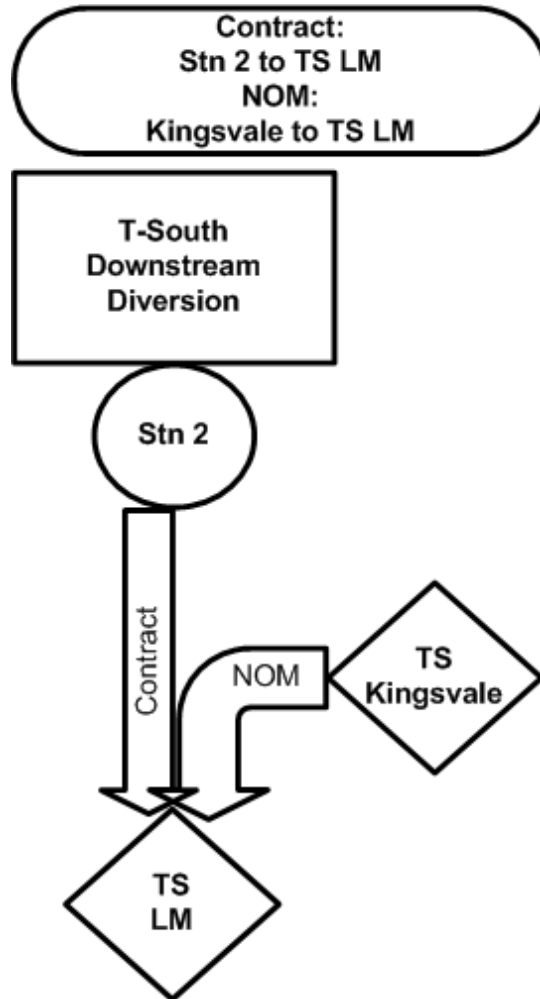


**Note:** in the diagram TSEXP includes both Export and Lower Mainland

### Alternate Receipt Point Diversions (ARP)

Downstream (D/S) Diversion:

An example of a T-South downstream diversion is when a Firm Service Contract for Station #2 (Stn 2) to T-South Lower Mainland (TSLM) is used to nominate (NOM) and deliver gas from Kingsvale to T-South Lower Mainland.



## Upstream (U/S) Diversion

Priority is less than FIRM Service but greater than Authorized Overrun (AO) and Interruptible (IT)

Firm Service Contract(**)	T-South Contract Segment	Nominatable Diversion Segment		
TSEXP	Station 2 to Hunt - NWP	Station 2	to	BC Interior
		Station 2	to	Kingsvale
		Station 2	to	Summit Lk
TSEXP	Station 2 to Hunt - Enco	Station 2	to	BC Interior
		Station 2	to	Summit Lk
TSEXP	Station 2 to Hunt - Casc	Station 2	to	BC Interior
		Station 2	to	Summit Lk
TSEXP	Station 2 to Hunt - Arco	Station 2	to	BC Interior
		Station 2	to	Summit Lk
TSLM	Station 2 to BC Gas LML	Station 2	to	BC Interior
		Station 2	to	Kingsvale
		Station 2	to	Summit Lk
TSIND	Station 2 to BC Interior	Station 2	to	Summit Lk
		Station 2	to	Kingsvale
TSIND	Station 2 to Kingsvale	Station 2	to	BC Interior
		Station 2	to	Summit Lk
TSKG	Station 2 to Kingsgate Station 2 to Huntingdon	Station 2	to	Kingsvale
		Station 2	to	BC Interior
		Station 2	to	Summit Lk

## Downstream (D/S) Diversion

Higher Priority than Interruptible (IT)

Firm Service Contract(**)	T-South Contract Segment	Nominatable Diversion Segment		
TSIND	Station 2 to BC Interior	Station 2	to	Huntington
		Station 2	to	Hunt - NWP
TSPNG	Station 2 to Summit Lk	Station 2	to	BC Interior Station
		Station 2	to	Huntington
		Station 2	to	Kingsvale
TSIND	Station 2 to Kingsvale	Station 2	to	BC LML
		Station 2	to	Huntington



### Alternate Receipt Point Diversions (ARP)

Downstream (D/S) Diversion:

*Priority as less than FIRM Service and Authorized Overrun (AO) but greater than and Interruptible (IT)*

Firm Service Contract(**)	T-South Contract Segment			Nominatable Diversion Segment		
TSEXP	Station 2	to	Hunt - NWP	Kingsvale	to	Huntingdon
TSLM	Station 2	to	BC Gas LML	Kingsvale	to	Huntingdon

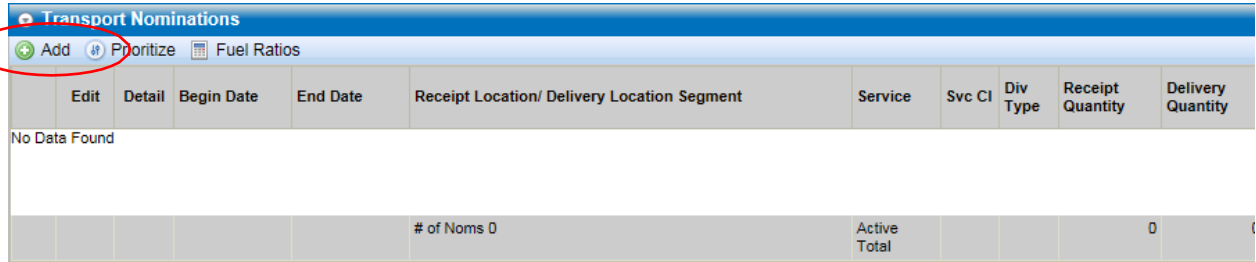
**\*\* Note:**

- TSIND T-South Interior
- TSPNG T-South Summit Lake
- TSEXP T-South Export
- TSLM T-South Lower Mainland

## Entering T-North Diversion Nominations

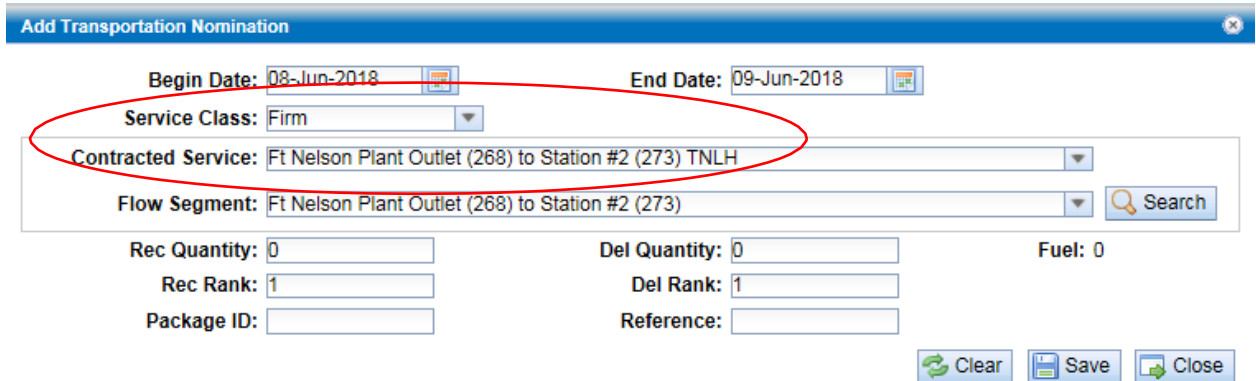
Shippers with TNLH Firm Service Contracts will be able to access a list of alternate segments that may be used for each of their firm service segments by:

1. On the CI Nomination grid, select Add in Transportation section



Transport Nominations											
+ Add + Prioritize Fuel Ratios											
Edit	Detail	Begin Date	End Date	Receipt Location/ Delivery Location Segment	Service	Svc Cl	Div Type	Receipt Quantity	Delivery Quantity		
No Data Found											
					# of Noms 0	Active Total					0

2. In the *Contract* field, select the TNLH service segment you wish to use, and Svc Cl as FI



**Add Transportation Nomination**

Begin Date: 08-Jun-2018 End Date: 09-Jun-2018

Service Class: Firm

**Contracted Service: Ft Nelson Plant Outlet (268) to Station #2 (273) TNLH**

Flow Segment: Ft Nelson Plant Outlet (268) to Station #2 (273) Search

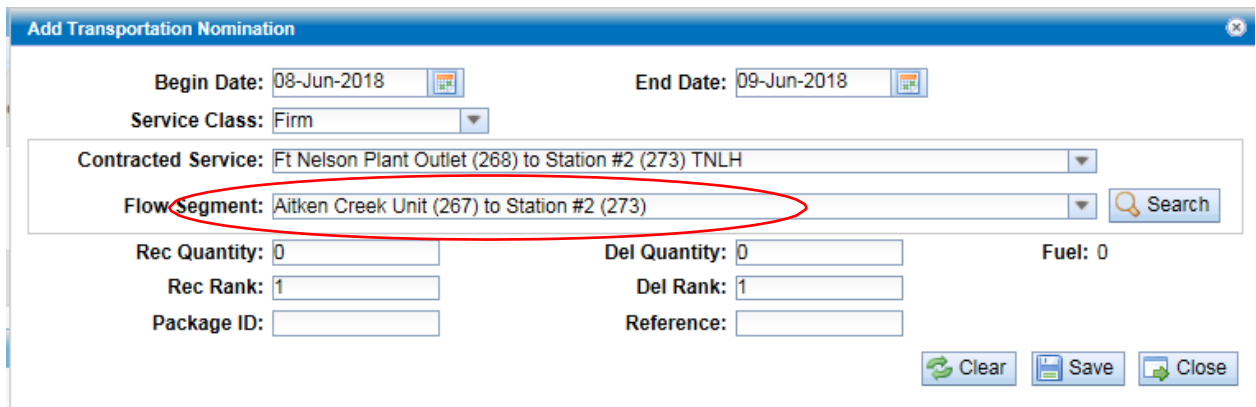
Rec Quantity: 0 Del Quantity: 0 Fuel: 0

Rec Rank: 1 Del Rank: 1

Package ID: Reference:

Clear Save Close

3. In the Segment field, select from the dropdown or type the segment you wish to use.



**Add Transportation Nomination**

Begin Date: 08-Jun-2018 End Date: 09-Jun-2018

Service Class: Firm

Contracted Service: Ft Nelson Plant Outlet (268) to Station #2 (273) TNLH

**Flow Segment: Aitken Creek Unit (267) to Station #2 (273)** Search

Rec Quantity: 0 Del Quantity: 0 Fuel: 0

Rec Rank: 1 Del Rank: 1

Package ID: Reference:

Clear Save Close

- To see what segments are available for Firm, Firm Secondary, and Firm Secondary Tier 2, click the Search icon beside the Flow Segment Box.

**Add Transportation Nomination**

Begin Date: 08-Jun-2018      End Date: 09-Jun-2018

Service Class: Firm

Contracted Service: Ft Nelson Plant Outlet (268) to Station #2 (273) TNLH

Flow Segment: Aitken Creek Unit (267) to Station #2 (273) Search

Rec Quantity: 0      Del Quantity: 0      Fuel: 0

Rec Rank: 1      Del Rank: 1

Package ID:      Reference:

Clear   Save   Close

**Contracted Service and Flow Segment Selection**

Filters: FI | Nelson Plant Outlet (268) to Station #2 (273) | Y | Aitken Creek Unit (267) | Station #2 (273)

Service Class	Contracted Service	Service	Diversion Type	Entitlement	From Location	Flow Segment	To Location
FI	Ft Nelson Plant Outlet (268) to Station #2 (273) TNLH	TNLH	Firm Secondary		Aitken Creek Unit (267)	Aitken Creek Unit (267) to Station #2 (273)	Station #2 (273)

Export   Clear   Select   Cancel

- Select the segment to be nominated, and save.

**Add Transportation Nomination**

Begin Date: 08-Jun-2018      End Date: 09-Jun-2018

Service Class: Firm

Contracted Service: Ft Nelson Plant Outlet (268) to Station #2 (273) TNLH

Flow Segment: Aitken Creek Unit (267) to Station #2 (273) Search

Rec Quantity: 10,040      Del Quantity: 10,000      Fuel: 40

Rec Rank: 1      Del Rank: 1

Package ID:      Reference:

Clear   Save   Close

- The nomination will display in the transportation grid with a green mark in the top left corner. With the cursor hovered over, the nomination will display the contracted service and the diversion type. The diversion type is also found under the 'Div Type' column.

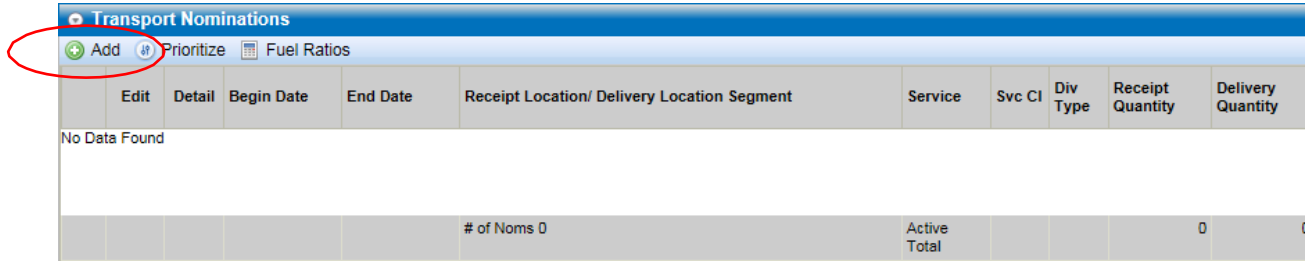
Transport Nominations													
Add Prioritize Fuel Ratios													
	Edit	Detail	Begin Date	End Date	Receipt Location/ Delivery Location Segment	Service	Svc Cl	Div Type	Receipt Quantity	Delivery Quantity	Scheduled Receipt Quantity	Scheduled Delivery Quantity	
<input type="checkbox"/>			08-Jun-2016	09-Jun-2016	Aitken Creek Unit (267) to Station #2 (273)	Contracted Service: Ft Nelson Plant Outlet (268) to Station #2 (273) Diversion Type: Firm Secondary							
# of Noms 1						Active Total			10,040	10,000	0	0	

Transport Nominations												
Add Prioritize Fuel Ratios												
	Edit	Detail	Begin Date	End Date	Receipt Location/ Delivery Location Segment	Service	Svc Cl	Div Type	Receipt Quantity	Delivery Quantity		
<input type="checkbox"/>			08-Jun-2018	09-Jun-2018	Aitken Creek Unit (267) to Station #2 (273)	TNLH	FI	FS	10,040	10,000		
# of Noms 1						Active Total			10,040	10,000		

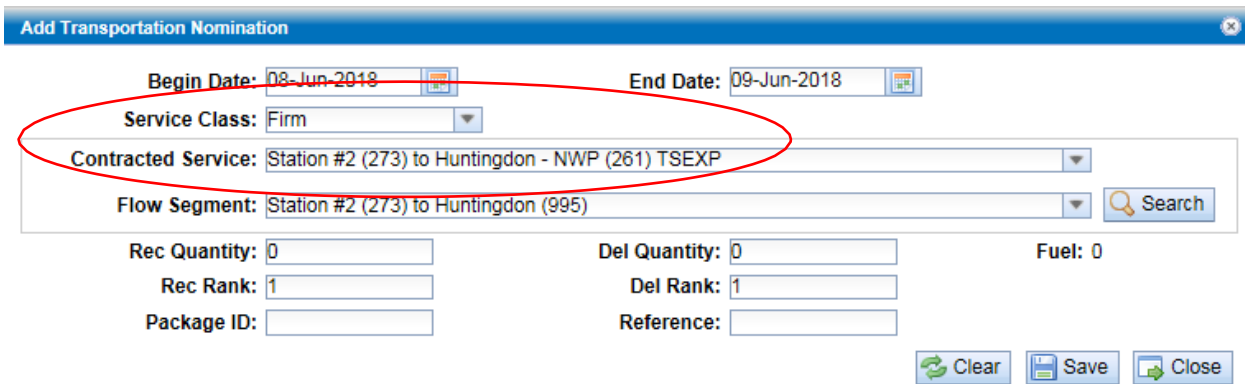
## Entering T-South Diversion Nominations

1. On the CI Nomination grid, select *Add* in Transportation section



Transport Nominations										
<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">+</span> Add <span style="border: 1px solid gray; border-radius: 50%; padding: 2px;">-</span> Prioritize <span style="border: 1px solid gray; border-radius: 50%; padding: 2px;">⌵ </span>										
Edit	Detail	Begin Date	End Date	Receipt Location/ Delivery Location Segment	Service	Svc Cl	Div Type	Receipt Quantity	Delivery Quantity	
No Data Found										
					# of Noms 0	Active Total			0	

2. In the *Contract* field, select the Firm service segment you wish to use, and *Svc Cl* as FI (firm)



**Add Transportation Nomination**

Begin Date: 08-Jun-2018      End Date: 09-Jun-2018

Service Class: Firm

Contracted Service: Station #2 (273) to Huntingdon - NWP (261) TSEXP

Flow Segment: Station #2 (273) to Huntingdon (995) Search

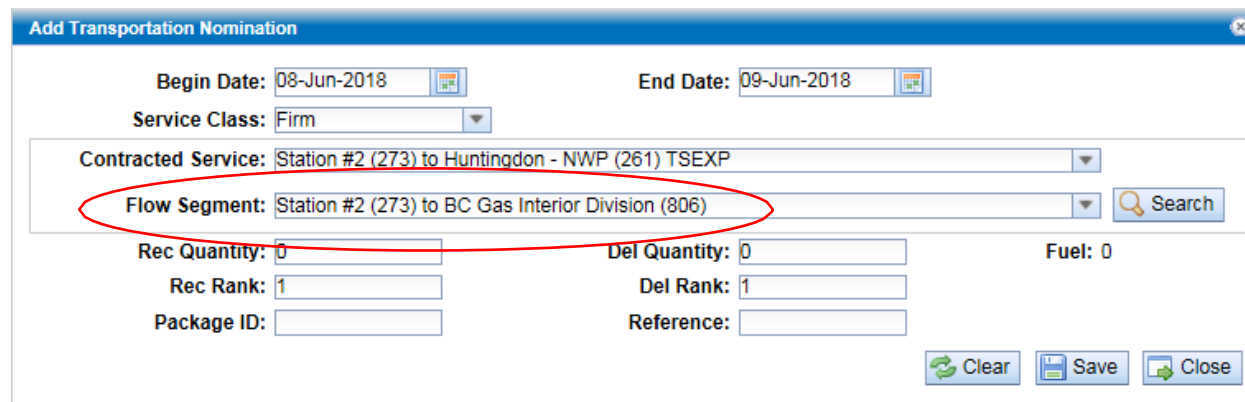
Rec Quantity: 0      Del Quantity: 0      Fuel: 0

Rec Rank: 1      Del Rank: 1

Package ID:      Reference:

Clear   Save   Close

3. In the *Segment* field, select from the dropdown or type the segment you wish to use.



**Add Transportation Nomination**

Begin Date: 08-Jun-2018      End Date: 09-Jun-2018

Service Class: Firm

Contracted Service: Station #2 (273) to Huntingdon - NWP (261) TSEXP

Flow Segment: Station #2 (273) to BC Gas Interior Division (806) Search

Rec Quantity: 0      Del Quantity: 0      Fuel: 0

Rec Rank: 1      Del Rank: 1

Package ID:      Reference:

Clear   Save   Close

- To see what segments are available for diversions, click the Search icon beside the Flow Segment field.

**Add Transportation Nomination**

Begin Date: 08-Jun-2018      End Date: 09-Jun-2018

Service Class: Firm

Contracted Service: Station #2 (273) to Huntingdon - NWP (261) TSEXP

Flow Segment: Station #2 (273) to BC Gas Interior Division (806) Search

Rec Quantity: 0      Del Quantity: 0      Fuel: 0

Rec Rank: 1      Del Rank: 1

Package ID:      Reference:

Clear   Save   Close

**Contracted Service and Flow Segment Selection**

Filters: FI Station #2 (273) to Huntingdon - NWP (261) Y Station #2 (273) BC Gas Interior Division (806)

Service Class	Contracted Service	Service	Diversion Type	Entitlement	From Location	Flow Segment	To Location
FI	Station #2 (273) to Huntingdon - NWP (261)	TSEXP	Upstream Diversion	Y	Station #2 (273)	Station #2 (273) to BC Gas Interior Division (806)	BC Gas Interior Division (806)

Export   Clear   Select   Cancel

- Select the segment to be nominated, and save.

**Add Transportation Nomination**

Begin Date: 08-Jun-2018      End Date: 09-Jun-2018

Service Class: Firm

Contracted Service: Station #2 (273) to Huntingdon - NWP (261) TSEXP

Flow Segment: Station #2 (273) to BC Gas Interior Division (806) Search

Rec Quantity: 10,084      Del Quantity: 10,000      Fuel: 84

Rec Rank: 1      Del Rank: 1

Package ID:      Reference:

Clear   Save   Close

- The nomination will display in the transportation grid with a green mark in the top left corner. With the cursor hovered over, the nomination will display the contracted service and the diversion type. The diversion type is also found under the 'Div Type' column.

Transport Nominations													
Add Prioritize Fuel Ratios													
	Edit	Detail	Begin Date	End Date	Receipt Location/ Delivery Location Segment	Service	Svc Cl	Div Type	Receipt Quantity	Delivery Quantity	Scheduled Receipt Quantity	Scheduled Delivery Quantity	
<input type="checkbox"/>			08-Jun-2018	09-Jun-2018	Station #2 (273) to BC Gas Interior Division (806)	Contracted Service: Station #2 (273) to Huntingdon - NWP (261) Diversion Type: Upstream Diversion							

Transport Nominations										
Add Prioritize Fuel Ratios										
	Edit	Detail	Begin Date	End Date	Receipt Location/ Delivery Location Segment	Service	Svc Cl	Div Type	Receipt Quantity	Delivery Quantity
<input type="checkbox"/>			08-Jun-2018	09-Jun-2018	Station #2 (273) to BC Gas Interior Division (806)	TSEXP	FI	UD	10,084	10,000
# of Noms 1						Active Total			10,084	10,000