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Leidy Line Receipt Based Constraints

Top of the Diamond (TOD)

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Top of the Diamond (TOD) Leidy Line Constraints Summary

In addition to the current aggregate constraint on the Leidy Line at MP 101, Transco has added two new aggregate constraints to control the Top of the Diamond transactions.

- These constraints will include the Chapin, Puddlefield, and Carverton receipt interconnects.
- The constraints will evaluate the total receipts leaving the production interconnect points.
- Transco will define which constraint is to be enforced in an updated Market and Production Constraints posting.

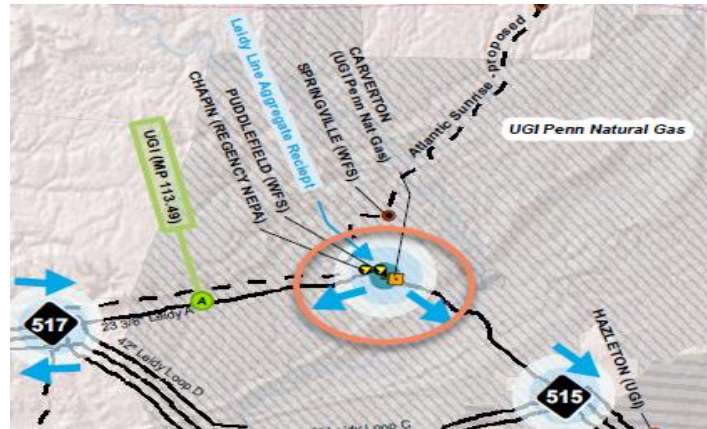
Current:

- Leidy Line Receipt Aggregate

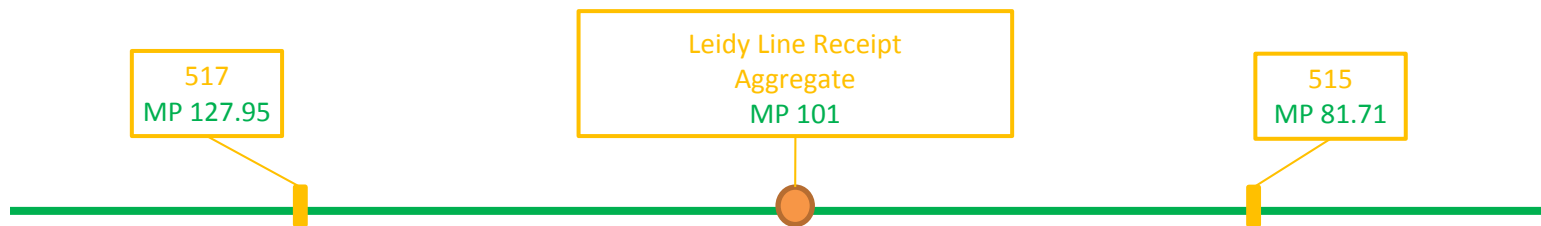
New:

- Top of the Diamond (TOD) Leidy West
- Top of the Diamond (TOD) Leidy East

Current Leidy Line Receipt Aggregate Constraint



- The Leidy Line Receipt Aggregate constraint is currently located between Station 517 and 515.

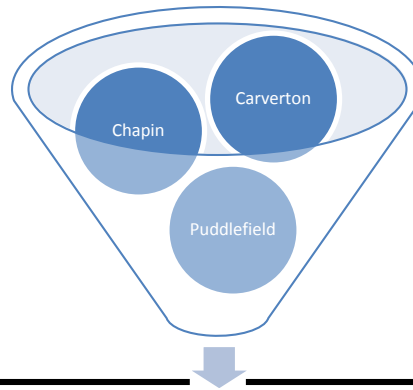


- The Leidy Line Aggregate Receipt Constraint evaluates the total receipts leaving the production interconnect points to establish the priority of the transaction. For example, the constraint compares the nomination to the path of the service agreement to establish if the transaction is Primary, NSRP, Secondary, or IT. If we constrain the Leidy Line Aggregate Receipt Constraint the nominations can be in any direction as long as the total receipt volume does not exceed the constraint capacity.

For Example:

Current Leidy Line Receipt Aggregate Allocation:

- All gas received at Chapin, Carverton, and Puddlefield are reduced to 750 Mdt/d regardless of direction.
- Quantities reduced by our priority of service and primary is periodically reduced at the receipt constraint



Note: On a receipt based throughput: capacity is allocated by Priority of Service with Primary and NSRP prorated by entitlement and for secondary and IT by nomination request.

Leidy Line Receipt
Aggregate Constraint
Max Capacity
750,000

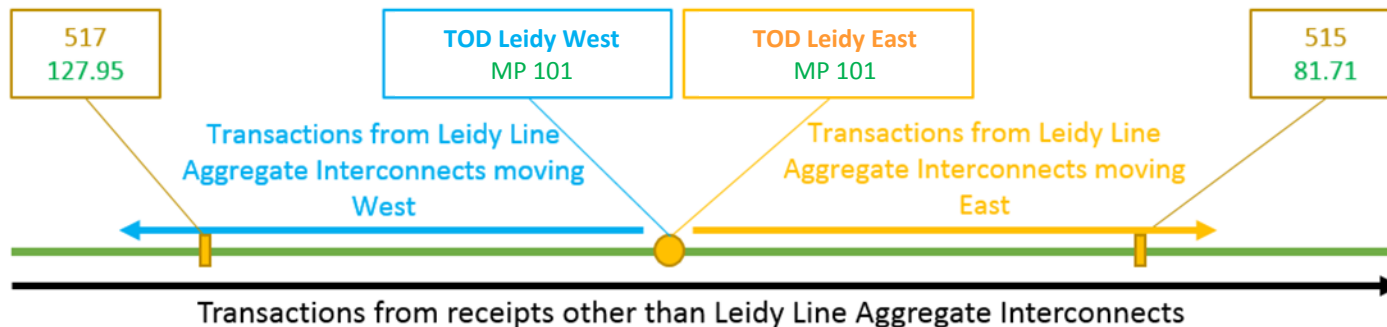


<u>Contract</u>	<u>Receipt Point</u>	<u>Delivery Point</u>	<u>Direction</u>	<u>Priority At Leidy Aggregate</u>	<u>Receipt Quantity Nominated</u>	<u>Receipt Quantity Scheduled</u>
ABC - FT	Carverton	UGI VAD	East to West	Primary	150,000	150,000
DEF - FT	Carverton	Con Ed	West to East	Primary	500,000	500,000
GHI - FT	Puddlefield	Leidy - Dominion	East to West	NSRP	85,000	85,000
JKL - FT	Puddlefield	UGI VAD	East to West	Secondary	55,000	4050
MNO - IT	Chapin	Wharton Nat Fuel	East to West	Interruptible	105,000	0
PQR - FT	Puddlefield	Pooling Station 210	West to East	Secondary	150,000	10,950

New Location Constraints

Top of the Diamond (TOD)

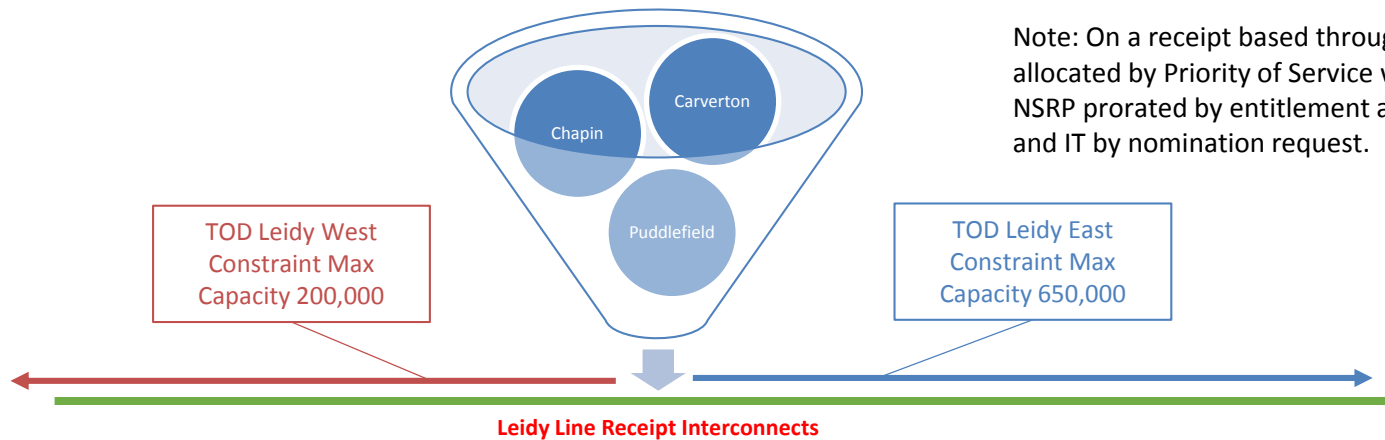
- **TOD Leidy West & TOD Leidy East Constraints:**
 - The “Top of the Diamond” (TOD) Leidy West and East constraints evaluate the total receipts leaving the three points at the TOD to establish the priority of the transaction in two different directions on the Leidy line.
 - **TOD Leidy West** – This constraint would group transactions leaving the Leidy Line Aggregate Interconnects in an ascending (west) milepost direction
 - **TOD Leidy East** – This constraint would group transactions leaving the Leidy Line Aggregate Interconnects in a descending (east) milepost direction.
 - This allows Pipeline Control to set receipt aggregate constraints that represent both directions of Leidy Line.
 - If a TOD Leidy West or East allocation is to be enforced, Transco will define each TOD Leidy West or East with an allocation quantity in an updated Market and Production Constraints posting.



For Example:

Directional Receipt Aggregate Constraint Allocations:

- Leidy West or East Constraint functionality
- Only these locations identified for each constraint will be evaluated



Note: On a receipt based throughput: capacity is allocated by Priority of Service with Primary and NSRP prorated by entitlement and for secondary and IT by nomination request.

<u>Contract</u>	<u>Receipt Point</u>	<u>Delivery Point</u>	<u>Direction</u>	<u>Priority At Leidy Aggregate</u>	<u>Receipt Quantity Nominated</u>	<u>Receipt Quantity Scheduled</u>
ABC – FT	Carverton	UGI VAD	East to West	Primary	150,000	150,000
DEF – FT	Puddlefield	Leidy-Dom	East to West	NSRP	85,000	50,000
GHI - FT	Puddlefield	UGI - VAD	East to West	Secondary	25,000	0
JKL – IT	Chapin	Wharton Nat Fuel	East to West	Interruptible	100,000	0
MNO – FT	Puddlefield	Pooling Station 210	West to East	Primary	200,000	200,000
PQR – FT	Chapin	Pooling Station 210	West to East	Primary	400,000	400,000
STU – FT	Puddlefield	Pooling Station 210	West to East	Secondary	250,000	50,000