

THE

PATHED NON-THREADED

(PNT)

SCHEDULING MODEL

WHAT IS PNT ?

- Pathed Non-Threaded is a scheduling model that allows shippers to nominate a transportation path for their gas from receipt to delivery. Southern Star uses this path and associated shipper defined rankings to schedule gas on the pipe accordingly.
- Southern Star previously used the Non-Pathed scheduling model. Shippers nominated receipts and deliveries as a total. Southern Star then used a pro-rata method to schedule gas on the pipe.
- Priority of service is the first scheduling priority in both models, however the difference is between shipper defined rankings vs. transportation provider pro-rata designation.
- Also, the PNT model gives shippers flexibility and control through the use of pathed nominations and rankings.

PNT BENEFITS

Non-pathed Challenges

- Specific markets and supply are not directly tied together making it difficult for Southern Star to follow contractual rights through constraints.
- Inconsistent with the industry.
- Confirmations are made at a specific Shipper and contract level. This dictates to the shipper which contracts will be scheduled for flow.

PNT Solution

- Use of the Pathed Non-Threaded model allows us to more easily follow not only contractual rights through constraint areas, but it allows the shipper to proactively protect their nominations by utilizing ranks.
- With most of the industries' pipelines using the Pathed Non-Threaded model, existing and new shippers on Southern Star's system will be more familiar with this model.
- PNT confirmations are made at an aggregate shipper level without the need to detail specific contracts. This allows SSCGP to use rankings set by our shippers to schedule their gas.

EXAMPLE

Non-Pathed Model

Shipper's Contract = 10,000

Receipt Loc A = 5,000

Receipt Loc B = 5,000

10,000

Delivery Loc 1 = 2,500

Delivery Loc 2 = 2,500

Delivery Loc 3 = 5,000

10,000

PNT Model

Shipper's Contract = 10,000

Receipt Loc A = 5,000

Receipt Loc B = 5,000

10,000

Delivery Loc 1 = 2,500

Delivery Loc 2 = 2,500

Delivery Loc 3 = 5,000

10,000

Path

Receipt Loc A - 2,500 to Delivery Loc 1 - 2,500 Rnk1

Receipt Loc A - 2,500 to Delivery Loc 3 - 2,500 Rnk2

Receipt Loc B - 2,500 to Delivery Loc 2 - 2,500 Rnk 2

Receipt Loc B - 2,500 to Delivery Loc 3 - 2,500 Rnk 1

10,000

10,000

**Instructions on how to place
specific transaction type
nominations can be found
under Scheduling Resources
in the CSI Resource Library.**