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# **Priority of Service 1Line Changes Summary** May 16, 2019



VIRGINIA SOUTHSIDE II CONSTRUCTION Transco Pipeline, Southern Virginia KENSINGTON GAS PROCESSING PLANT Columbiana County, Ohio SUMAS COMPRESSOR STATION Northwest Pipeline, Washington



## Key Changes

- > High Burn Limit Values (HBLVs) are at a Swing Service Delivery Point (SSDP) and no longer have a path
- > HBLVs may not overlap and instead are only allowed once at a SSDP based on the priority in the primary path of the contract. Scheduled nominations in both directions to a single point are still allowed.
- > The 1Line PDA page has been redesigned and separated from the Confirmation page
- > Nominations and HBLVs will be evaluated separately through independent constraints.
- > An additional pool has been added to Zone 4/OIA 2 9010698 Station 95 Pool
- > Implementation Date: Gas Day July 1, 2019



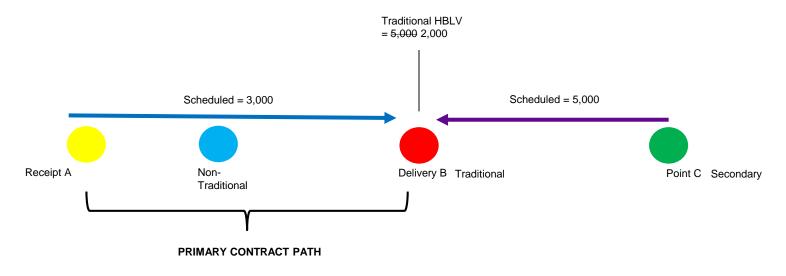
# HBLVs at a Swing Service Delivery Point



# **High Burn Limit Value at Traditional Point**

#### EXAMPLE:

Contract A above has a TCQ (Total Contract Quantity) of 5,000 and only one delivery point is traditional (listed on Exhibit B) – Point B. The amount available as a HBLV is the difference between the TCQ and the scheduled volume in the primary path direction. Shippers may schedule up to the full TCQ in the reverse path but will no longer be allowed to swing in the reverse path.

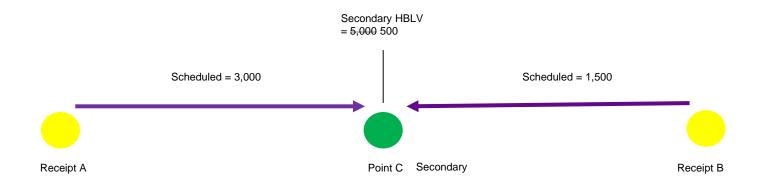




# **High Burn Limit Value at Secondary Point**

#### EXAMPLE:

At a secondary point on the same contract, the amount available as a HBLV is the difference between the TCQ and the sum of the scheduled volume in both directions since there is no primary path from either direction.





# **Nomination and PDA Changes**

# Williams.

# Nominations

#### > Nominations Area

- A new NAESB Transaction Type 22 No Notice Service nomination request will be available for shippers to designate which swing service delivery point on their contract can be used by the point operator for any no notice swing.
  - The nomination is a delivery side only transaction and is only allowed at swing service delivery points: local distribution centers, power generation plants, municipalities, and industrials
- Transaction Type 1 Current Business: HBLVs may no longer be set with zero nominations under this transaction type unless used in relation to swing supplier linked transactions.

🗱 Nom Status 🍦	Retro Status 🍦	Svc Req K 🍦	Beg Date 🍦	Π	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 🖕
Submitted		9215879		22 HB				Δ			9010521		
N		1LINE DUMMY GAS CUSTOMER	11/30/2018	TIMELY				U		25	PC LDC		

Note: To review the nominations area in more detail, see the Priority of Service Nominations training module.



# **PDAs**

#### > Separation of PDA/Confirmation page

- The PDA page no longer contains confirmation information
- The PDA page has been redesigned for delivery points
- The PDA page has been streamlined similar to the LDC Quick View for delivery locations:
  - The LDC Quick View page will only be available for gas days prior to the Priority of Service implementation date
- The PDA page is grouped into three sections:
  - High Burns (TT22 No Notice and linked transactions)
  - Low Burns (transportation and linked transactions)
  - Bundle Storages (both high and low burns)
- UP/Down Contract level will no longer be an option for delivery locations for PDAs
  - This level will still be available for receipt locations
- Shippers will be able to use Delivery Scheduled Ranks (DSRs) to rank HBLVs across the locations within a HBLV constraint package if multiple transactions are set for a single contract within the same priority
- Retro ID and a link back to the retro transaction on the Retro List page have been added to the PDA page
- Additional filters added for flexibility of viewing options
- Added PDA history information

Note: To see detailed features of the PDA redesign, see the Priority of Service PDA training module



# **New PDA Page Look**

#### > High Burns and Low Burns are in different sections

- Filters are available to view all activity together and for downloading of data
- A section is also available for bundled storage (shown on next page)

Hia	h F	Run	n

				Svc Req Prop												
	PDA Retro Request ID	PDA Retro Request Status	Dir Flo	Svc Reg	Svc Req K	Svc Reg Name 🍵 1	TT Desc	Pkg ID 💂	Alloc Rank Ind	A		A	Override Limit Value		Scheduled Quantity	Linked
	Request ID		Ψ		Ψ	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		The second secon		· · ·		<b>.</b>	<b>.</b>	<b>*</b>	T
		Regular	D	238908	9218355	1LINE DUMMY GAS CUSTOMER	NO NOTICE SERVICE	HBLVIT	High	100	100000	20855			0	
		Regular	D	238908	9218355	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	HATT TO PC HB WSS	High	999	100	100		0	O	*
		Regular	D	238908	9218353	1LINE DUMMY GAS CUSTOMER	NO NOTICE SERVICE	HBLV FT ATL	High	11	100000	100000			0	
		Regular	D	238908	9218355	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	HOLM TO PC Z4 - LINH	K High	999	0	0		2000	2000	*
		Regular	D	238908	9218357	1LINE DUMMY GAS CUSTOMER	NO NOTICE SERVICE	HBLV FT DAL	High	10	185944	185944			0	
		Regular	D	238908	9218355	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	HBL/ WSS LINK - IT	High	999	500	500		0	O	*
Low Bu	m															COLLA
				Svc Req Prop												
P	DA Retro Request	PDA Retro Request	Dir Flo		Svc Req K			Pkg ID 🖕 A	lloc Rank Ind	Alloc Rank Lvl	Limit Value S	Scheduled Limit Value	Override Limit Value	Nom Qty	Scheduled Quantity	Linked
	ID	Status		Svc Req	-	Svc Req Name 🏮 1	TT Desc 🌻	Route	<b>.</b>	Ŧ		Ŧ	~	÷	-	<b>~</b>
		Regular	D	238908	9218357	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	DALTON LOW Non-CPLS	Low	50	49280	0		49280	D	
		Regular	D	238908	9218353	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	PRIMARY PATH South-CPLS	Low	51	250000	250000		250000	250000	
		Regular	D	238908	9218355	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	HOLM TO PC Z4 - LINK	Low	1	2000	39		2000	2000	
		Regular	D	238908	9218353	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	LEIDY SEC PATH South-CPLS	Low	3	50000	50000		50000	50000	
		Regular	D	238908	9218355	1LINE DUMMY GAS CUSTOMER	CURRENT BUSINESS (TRANSPORTATION)	IT FROM ZICK TO PC LDC South-CPLS	Low	28	98000	o		98560	٥	



# **New PDA Page Look**

### > Bundled Storage section

Bundled Storage	ndled Storage														
PDA Retro Request ID	PDA Retro Request Status	Dir Flo 🍦	Svc Req Prop	Svc Req K 🍦	Svc Req Name 🖕	TT Desc 🖕	Pkg ID	Alloc Rank Ind	Alloc Rank Lvl 🖕	Limit Value	Scheduled Limit Value	Override Limit Value 🍦	Nom Qty 🖕	Scheduled Quantity	Linked 🖕
	Regular	R	238908	9218393	1LINE DUMMY GAS CUSTOMER	STORAGE INJECTION	GSS INJ	High ▼	999	0	0		1667	1667	
	Regular	R	238908	9218393	1LINE DUMMY GAS CUSTOMER	STORAGE INJECTION	GSS INJ	Low <b>V</b>	999	0	D		1667	1667	
	Regular	D	238908	9218393	1LINE DUMMY GAS CUSTOMER	STORAGE WITHDRAWAL	GSS W/D	High ▼	999	0	O		0	0	



# Nomination and HBLV Constraints



## **Priorities of Service**

#### > Types of Constraints – Nominations

- Location Throughput Section Boundary (TSB): a single point on the system through which nominations and linked transactions supported under swing supplier\* arrangements will be evaluated.
- Segment TSB: a segment on a line designated between two mileposts through which all nominations and linked transactions that enter, exit, pass through or are within the segment will be evaluated.

#### **Nominations**



Through TSBs (location or segment), traditional and non-traditional priority nominations will be evaluated together as primary firm.

\*Swing Supplier is defined in Transco's GT&C section 2 Definitions



# **SEGMENT TSB EXAMPLE**

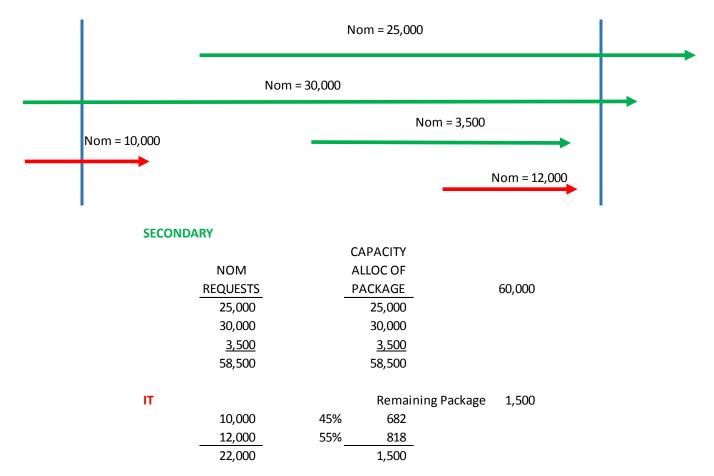
#### > Segment TSBs

- The same methods for evaluating priorities will be used for Segment TSBs as are used at Location TSBs today:
  - Primary Firm allocated based on contract entitlement
  - Non-Secondary Reverse Path (NSRP) allocated based on contract entitlement
  - Secondary Firm allocated based on request
  - Interruptible allocated based on request
- Segment TSBs will be associated with a specific direction (i.e. North to South)
  - Transactions in the direction of the constraint will be included in the evaluation if they:
    - Begin in the segment
    - End in the segment
    - Flow through the segment
    - Within the segment
- Segment TSBs will not evaluate HBLV requests because HBLVs occur at a point
- If a transaction changes priorities within a segment it will be evaluated at the lowest priority applicable



# **SEGMENT TSB EXAMPLE**

#### SEGMENT TSB SECONDARY AND BELOW 60,000 S to N FLOW DIR: -



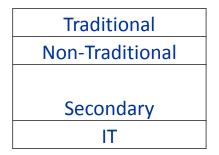


## **Priorities of Service**

#### > Types of Constraints – High Burn Limit Values (HBLVs)

- Location HBLV Constraint: a particular Swing Service Delivery Point (SSDP) at which all HBLVs will be evaluated.
- Segment HBLV Constraint: a segment (milepost to milepost) or area (zone or OIA) on the system in which all HBLVs at all SSDPs within the segment or area designated will be evaluated.

High Burn Limit Values (HBLVs)





# **High Burn Limit Value Constraint - Location**

#### > Location HBLV Constraint:

- Will only apply to Transaction Type 22 No Notice
  - Linked HBLVs and bundled storage HBLVs will not be evaluated in a location HBLV constraint
- HBLV requests will be subject to Maximum Daily Quantity (MDQ) validations at the swing service delivery point to check any nominations on the same contract being scheduled to or through the location
- Traditional / Non-Traditional priorities will be allocated based on contract entitlement
- Secondary / IT priorities will be allocated based on request
- HBLVs do not have previously scheduled rights and are due by 10:30am Central Clock Time (C.C.T) after the end of the gas day
- Only operators, or their agents, can submit a value and HBLV rank at a Swing Service Delivery point



# LOCATION HBLV CONSTRAINT EXAMPLE

SSDP 1

#### High Burn Limit Value Location Constraint: Secondary 5,000

				<u>Capacity</u> <u>Alloc of</u> <u>HBLV</u>	
	<b>Nominations</b>	<u>Request</u>		<u>Constraint</u>	<u>Scheduled</u>
К1	Nom 1 - Traditional	10,000			10,000
К 2	Nom 2 - Non-Traditional	6,000			6,000
К З	Nom 3 - Secondary	9,000			9,000
К4	Nom 4 - Secondary	2,000			2,000
К б	Nom 5 - IT	5,000			5,000
	<u>Limit Values</u>				
К З	TT 22 HBLV - Secondary	7,000	56%	2,800	2,800
К4	TT 22 HBLV - Secondary	2,000	16%	800	800
К 5	TT 22 HBLV - Secondary	3,500	28%	<u>1,400</u>	1,400
		12,500		5,000	
К б	TT 22 HBLV - IT	3,000		0	0



# High Burn Limit Value Constraint - Segment

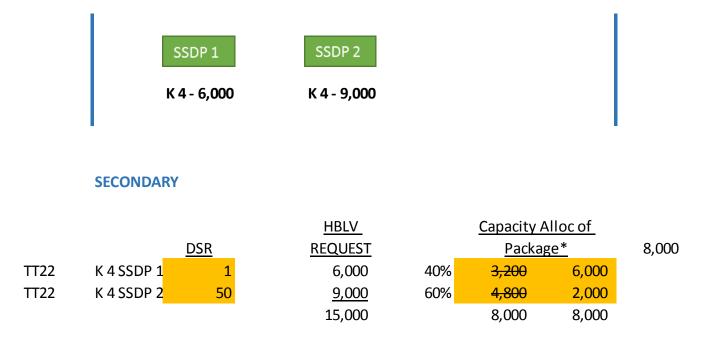
#### > Segment HBLV Constraint

- The same priorities and allocation rules apply as at a Location HBLV Constraint
- Segment HBLV Constraints will apply to all of the Swing Service Delivery points within the identified segment
- Delivery Shipper Ranks (DSRs) will be used to allocate requests within the same contract and within the same priority across multiple locations within the segment
- All Swing Service Delivery Point HBLV requests within a segment will be evaluated in aggregate for allocation.



# **SEGMENT HBLV CONSTRAINT EXAMPLE**

#### SEGMENT HBLV CONSTRAINT: SECONDARY 8,000



\*Distribution based on DSR Rank (Delivery Scheduling Rank)

A Shipper can use DSR rank on a TT22 No Notice Service nomination to designate, to which location(s) their distribution of the HBLV constraint should go if there are multiple transactions for the same contract/same priority across multiple locations.



# Additional Page and Report Changes



### Additional Changes to Pages

- > Review/Select Scheduling Run page will be updated to include cut information for TSB and HBLV segment constraints
- > Due to programming changes the Page Preference settings used on the following pages will need to be reset by 1Line upon implementation. Users will need to reset their page preferences after implementation. Those pages impacted are:
  - Allocated Quantities
  - PDA
  - Confirmations
  - Retrieve Nominations
  - Pool Summary
  - View Supply/Disagg
  - Review/Select Scheduling
  - Contract View



### **Additional Changes to Reports**

- > Segment Audit Report has been streamlined to remove segment breaks due to line connectors and directional flow has been added for each transaction
- > For transaction type 22s (HBLV requests), the segment will display the start and end milepost for that Swing Service Delivery location and include all nominations that are passing through or delivered to that delivery location

Example:



#### Williams Gas Pipeline - Transco Segment Audit - Scheduled Quantities Scheduled Date: 4/12/2019

Cycle: INTRADAY 3

Service Requester: Base Primary Capacity: Base Secondary Capacit	400,000	MMY GAS CUSTOMER/238908	SD F	ase Family: lep: Segment Na		Group Code: nneider / 713-215-4 010580	Release 344	Family		Name : Directio	TRANSCO n: Desce	MAINLINE Inding - N to	S	
Base Total Capacity: NSRP:	400,000 No			Segment Nan nent MPE:		010580 M to 1,033.9000 M								
Rate Sched Contract Code	Non Reque TT ID	n est Receipt MPE Receipt Loc N	Deli ame Mi	· .	livery Loc Name	Nom Qty	Sched Qty	Cut NAESB/ SCR	Nom RSR/ DSR	PDA Rank	PDA Nom HL Value	PDA Sched HL Value	Override Limit Value	Total Sched and Limit Value
9218353 FT-ATL SUNF	22 29230	17	1033.	9000 PC LDC				AOK AOK		2	5,000	5,000		
9218353 FT-ATL SUNF	01 29230	28 850.9700 POOLING-STA 95 ZN 4	1033	9000 PC LDC		100,000	96,575	NGU 2011	999/0					96,575
9218353 FT-ATL SUNF	01 29230	29 1412.9900 POOLING-STATION 16	850	9700 POOLING	STA 95 ZN 4	99,274	99,274	AOK	999/0					99,274
9218353 FT-ATL SUNF	01 29230	66 850.9700 POOLING-STA 95 ZN 4	1096	5700 UNITED C	CIT GA M7037	24,660	23,815	NGU 2011	999/0					23,815
9218353 FT-ATL SUNF	01 29240	61 206.8000 LEIDY-DOMINION	850	9700 POOLING	STA 95 ZN 4	17,500	17,500	AOK	999/0					17,500
	Totals					241,434	237,164				5,000	5,000		242,164



### **Additional Changes to Reports**

- > Informational Postings Reports:
  - "Operational Capacity" Report Has been updated to include three sections:
    - Segment: includes location TSBs, segment TSBs, and segment HBLVs
    - · Mainline: includes receipts and deliveries
    - Storage: no change
  - "Market & Production Constraints" The 1Line Posting Notice has been updated and redesigned for the new constraint types and to provide better clarity.
  - "<u>NOM/HBLV Delivery Based Constraints</u>" Report (currently named "Pipeline and Location Delivery Based Constraints") – This report has been redesigned to separate nomination constraint information from high burn limit value constraint information. The report will identify if the constraint type is location or segment based in addition to the scheduled or HBLV information breakdown by priority of service.
  - "<u>Delivery Based Constraints Physically Used</u>" Report (currently named "Pipeline and Location Delivery Based Point Constraints – Physically Used") – This report has been updated for the new TSB segment constraint type and for the inclusion of North to South TSBs on the Mainline



### **Helpful Tools**

- > The following pages are designed to help assist in determining contract priority rights:
  - Contracts/Locations Page: Allows a shipper to view traditional delivery points across all contracts on one page
  - Avail Sch Qty by Loc Page: For a firm contract, identifies the scheduling priority and quantity available at each delivery point for which the contract has path rights.
  - MDQ Calculate Page: Allows a shipper to view contract capacity by priority for utilized or unutilized segments



### **Questions?**

- > Questions related to these Priority of Service changes may be directed to:
- > Your Transportation Services Representative
- > Karina Mayorga, 713-215-2458
- > Julian Arias, 713-215-3683
- > Diane Ezernack, 713-215-4180