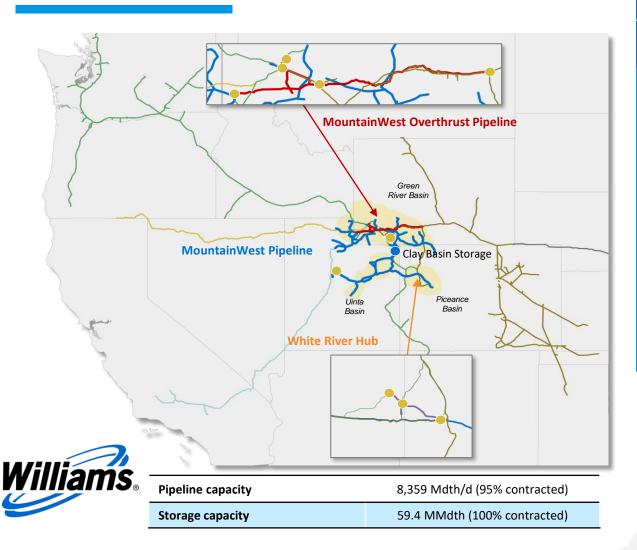
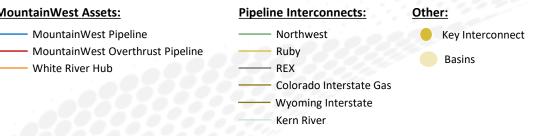


## **HUB OF THE ROCKIES**



	MWP	MWOP	WRH	Storage
Pipeline miles <sup>3</sup>	1,879	261	11	-
Current capacity	2,525 MDth/d	3,220 MDth/d	2,614 MDth/d	59.4 MMDth
Northwest	✓	✓	✓	✓
Wyoming Interstate	✓	<b>//</b>	✓	
Rockies Express		$\checkmark\checkmark$	✓	
Kern River	✓	$\checkmark\checkmark\checkmark$		
Colorado Interstate	✓		✓	
Ruby		✓		
TransColorado			✓	
MountainWest Pipeline		✓	✓	✓
Overthrust Pipeline	✓			
MountainWest Assets:				

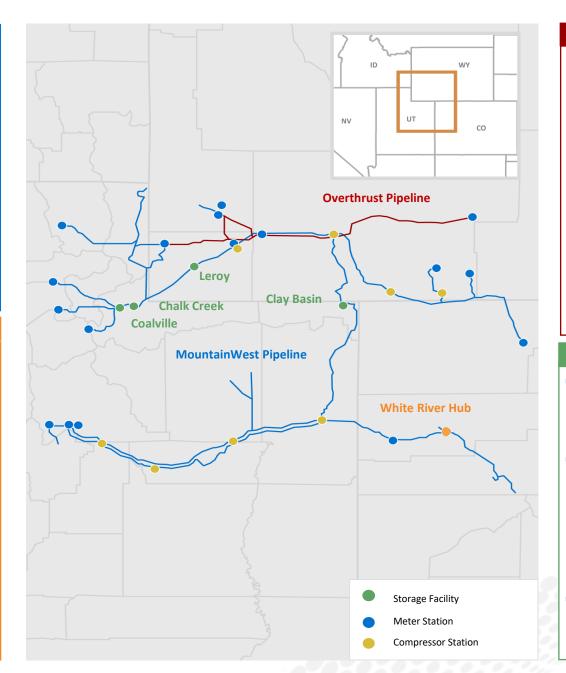


#### **MountainWest Pipeline**

- 1,879 miles of interstate natural gas pipeline in UT, WY and CO
  - 2,525 Mdth/d of total capacity
- Located in the Rocky Mountains near large reserves of natural gas in six major producing areas, including the Greater Green River, Uinta and Piceance basins
  - Transports gas from these areas to other major pipeline systems for delivery to markets in the West and Mid-Continent

#### **White River Hub**

- ~4 miles of 36-inch diameter pipeline, ~6 miles of new, 30-inch diameter pipeline, ~1 mile of 24" diameter pipeline and tie-in / metering facilities
- 2,614 Mdth/d of total capacity
- 50 / 50 JV between MountainWest Pipeline, LLC (the hub operator) and Enterprise Products Partners L.P.
- Connects producers, marketers and shipper access to downstream markets for natural gas volumes produced in northwest Colorado's Piceance Basin

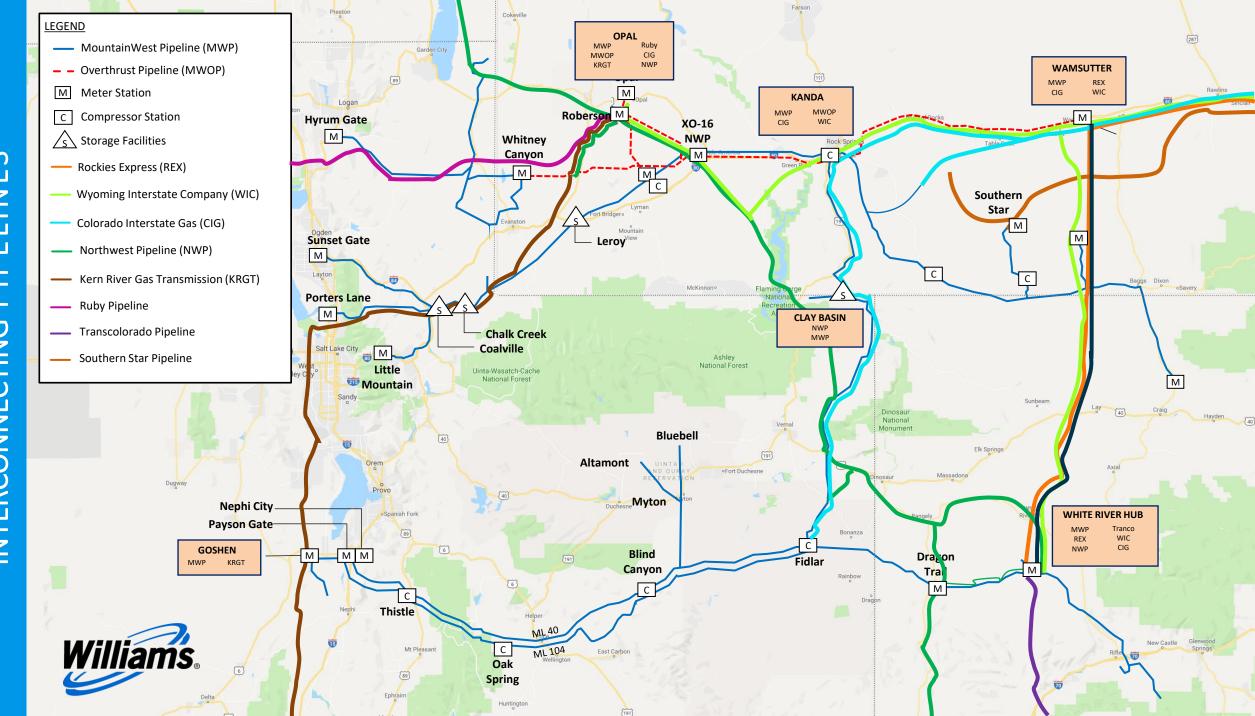


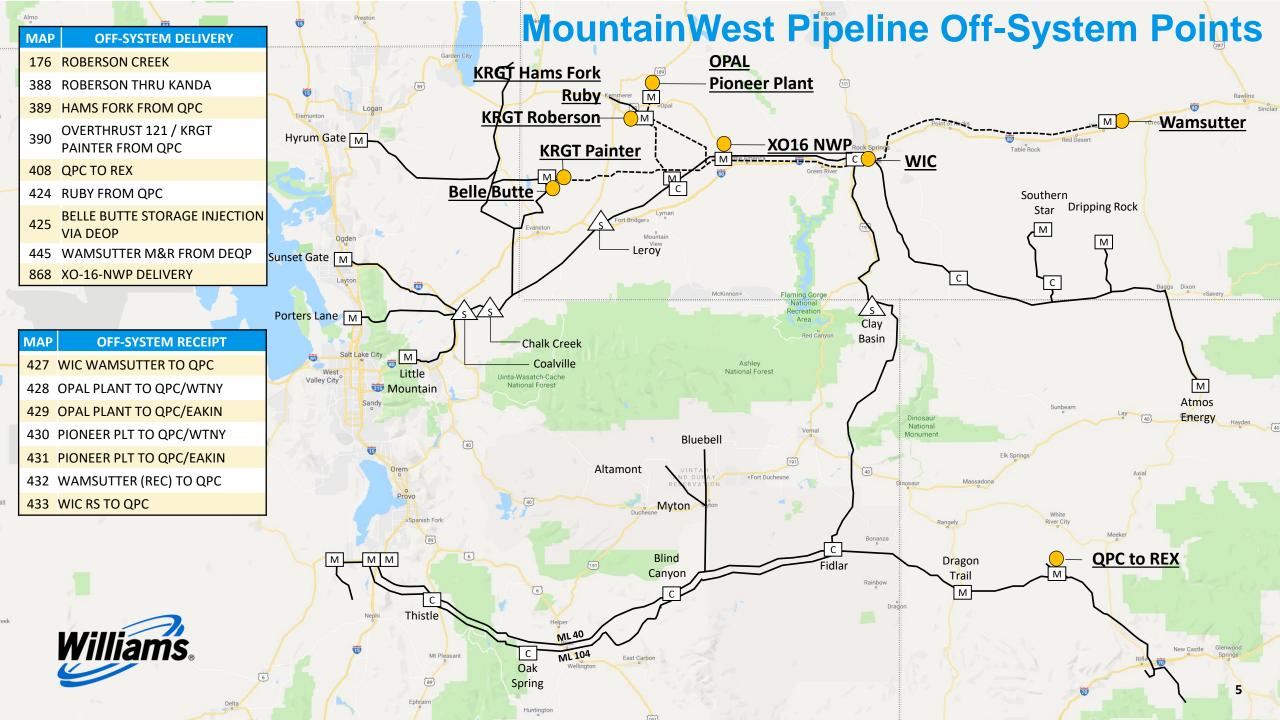
#### **MountainWest Overthrust Pipeline**

- 261 miles of mostly 36-inch diameter pipeline located in southwestern WY
  - 3,220 Mdth/d of total capacity
- Provides services for producers in the Green River, Overthrust, Wamsutter and other Rockies producing basins with a multitude of interconnects to major interstate pipelines
- Delivers regional and imported natural gas to multiple market outlets, enabling shippers to access both eastern and western market opportunities

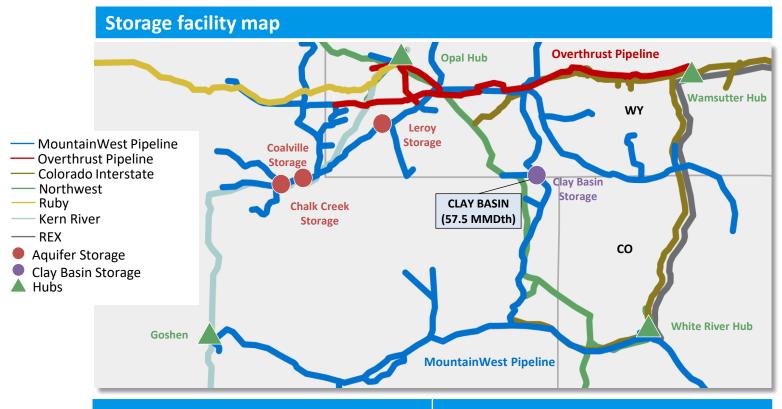
#### **Storage Assets**

- Depleted gas reservoir, Clay Basin (59.4 MMDth) and aquifer facilities, Leroy (887 MDth), Coalville (720 Mdth) and Chalk Creek (321 MDth)
- Clay Basin is the largest underground storage reservoir in the Rockies
  - Strategically located at the center of the MountainWest Pipeline system
  - Consistently 100% contracted for firm capacity
  - Provides a variety of service offerings
- Aquifer facilities are primarily used for short-term peaking needs





### **CLAY BASIN STORAGE**



#### **Interconnects**

#### **MountainWest Pipeline (MWP)**

Injection: 217,000 MDth/d

Withdrawal: 700,000 MDth/d

#### **Northwest Pipeline**

Injection: 250,000 MDth/d

Withdrawal: 320,000 MDth/d

#### **Overview**

- Located in North-East corner of Utah, fifty miles south of Rock Springs, WY by the Wyoming and Colorado borders in Daggett County
- Largest underground storage reservoir in Rocky Mountain Region, a 57.5 MMDth depleted gas reservoir
- Services provided include firm storage, interruptible storage, capacity release, release of injection/withdrawal rights, in-place transfers and park & loan service, and stipulation gas sales
- Provides flexible storage services to utilities seeking to service end-user demand and marketers looking to capture seasonal spreads
- Facility has consistently been 100% contracted for firm capacity with oversubscribed open seasons

# **Stipulation Gas Sales**

MWP periodically sells Clay Basin Stipulation In-Kind Natural Gas, as part of the Clay Basin Annual Reimbursement Adjustment

- Requires an executed NAESB in-advance
- Notice issued 5 days prior to sale
- Bidders must demonstrate credit worthiness.
- Bids are fixed price, set quantity, via email
- Bids are evaluated based on highest price and bidding timelines
- Winner notified immediately after bidding closes
- Gas is transferred into an FSS or ISS Storage contract
- File Annual Gas Sales Report each June with



## Park and Loan Services

- Flexible service (PAL 1)
- First-come, first-served or by bid process
- Term must be less than one year
- Unique contract # for each agreement
- Interruptible service but injection rights are first priority
- PAL compressor injection capability
  - ≤ 25,000 Dth/day (optional rights)
- Prepaid within 10 days after contract awarded
- Must comply with creditworthiness requirements
- Separately arrange for transportation to and from Clay Basin
- In-place transfers negotiable



## PIPELINE AND STORAGE RATES

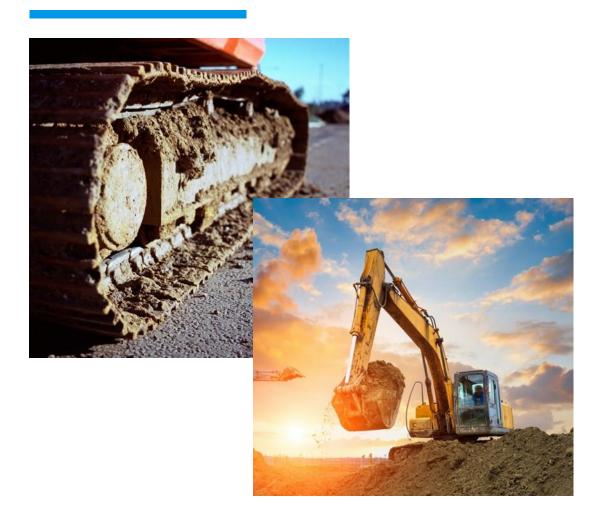
	MOU	NTAINWEST PIPELINE TRANSPORTATION RAT	TES (per	Dth)
FIRM	T-1	Monthly RDC		5.28804
		Authorized Overrun Charge		0.17652
		Unauthorized Overrun Charge - Critical	\$	10.00000
		Unauthorized Overrun Charge - Non Critical	\$	0.35304
	SSXP	Monthly RDC	\$	7.82712
		Authorized Overrun Charge	\$	0.26000
		Unauthorized Overrun Charge - Critical	\$	10.00000
		Unauthorized Overrun Charge - Non Critical	\$	0.52000
	FP	Monthly Charge	\$	2.64402
	NNT	Max Monthly	\$	0.86753
╘	T-2	Daily Charge	\$	0.17652
Щ	Fuel	Postage Stamp, Paid in Kind	%	1.04
VARIABLE	ACA	FERC Determined *Updated every Oct.	\$	0.00140
	Usage	-	\$	0.00267
>	Imbalance	(OBA's & Transport)	%	5
OVERTHRUST TRANSPORTATION RATES (per Dth)				

		, ,				
OVERTHRUST TRANSPORTATION RATES (per Dth)						
FIRM	FT	Monthly RDC	\$	1.505000		
		Authorized Overrun Charge - Max	\$	0.05068		
		Authorized Overrun Charge - Min	\$	0.00120		
		Unauthorized Overrun Charge - Critical	\$	10.00000		
		Unauthorized Overrun Charge - Non-Critical	\$	0.05068		
Ė	ΙΤ	Daily Rate (Includes Usage) - Max	\$	0.05068		
		Daily Rate (Includes Usage) - Min	\$	0.00120		
ш	Usage	Applies to FT Schedules	\$	0.00120		
VARIABL	ACA	FERC Determined *Updated every Oct.	\$	0.00140		
	Fuel	Path Specific *Updated Monthly	\$	Updated Monthly		
	Imbalance	(OBA's and Transport)	%	10		

		CLAY BASIN STORAGE RATES (per Dth)		
		Monthly RDC	\$	2.87375
	PKS	Injection Usage Charge	\$	0.03872
		Withdrawal Usage Charge	\$	0.03872
_ [		Monthly Deliverability (MRD*Del. Rate)	\$	2.85338
FIRM		Capacity (Total Dth's*Capacity Rate)		0.02378
	FCC	Injection Usage Charge	\$	0.01049
	FSS	Withdrawal Usage Charge	\$	0.01781
		Authorized Overrun Charge - Max	\$	0.30315
		Authorized Overrun Charge - Min	\$	0.01781
PT		Inventory Usage Charge	\$	0.05927
INTERUPT	ISS	Injection Usage Charge	\$	0.01049
Z		Withdrawal Usage Charge	\$	0.01781
3LE	Fuel	Utility Fuel		Updated Monthly
VARIABLE		Operational Fuel and Shrinkage		Updated Monthly
_		Stipulation Reimbursement Factor	%	1.65
₽		Daily Charge - Max	\$	0.30315
INTERUPT	PAL1	Daily Charge - Min		0.03872 2.85338 0.02378 0.01049 0.01781 0.30315 0.01781 0.05927 0.01049 0.01781 Updated Monthly Updated Monthly 1.65
Ĭ.		Delivery Charge	\$	
		Fuel (0.2% Utility and 1.8% Compressor)		
JPT		Initiation Charge - Max	\$	
INTERUPT	PAL2	Initiation Charge - Min	\$	
Ī		Inventory Charge - Max	\$	0.17570
		Inventory Charge - Min	\$	-

	WHITE RIV	ER HUB TRANSPORTATION RATES	(pe	r Dth)
		Monthly RDC	\$	0.31183
	FT	Authorized Overrun Charge - Max	\$	0.01025
		Authorized Overrun Charge - Min	\$	0.00000
		Unauthorized Overrun Charge - Critical	\$	10.00000
FIRM FIRM		Unauthorized Overrun Charge - Non Critical	\$	0.01025
щ		Monthly RDC	\$	0.31183
		Authorized Overrun Chare - Max	\$	0.01025
	RGS	Authorized Overrun Charge - Min	\$	0.00000
	KGS	Unauthorized Overrun - Critical	\$	10.00000
		Unauthorized Overrun - Non Critical		0.01025
느	IT	Daily Charge	\$	0.01025
	ACA	FERC Determined *Updated annually (Oct)	\$	0.00140
	Imbalance	(OBA's & Transport)	%	0

### **NEW CUSTOMER SET-UP**



#### **MyQuorum Account Set-up:**

To set up an account with a login ID and password:

#### Step 1.

- Go to mwipipe.com → Marketing → New Customer Info Tab
- Click "Getting Started"
- Select a pipeline you'll be accessing and complete the online Request for Company Access to MyQuorum form packet.

#### Step 2.

- Print out your completed forms, sign, and return them to your Marketing or Transportation Customer Service Representative
- If you require a signed original copy of your agreement, print and send in a second signed copy and, upon acceptance, your Marketing or Transportation Customer Service Representative will return a signed original rather than a photocopy

Access and credit need to be established for each pipeline prior to doing business on that pipeline

Optimization and Business Developmen	t Hotlin	ne: (385) 426-3472 #3	
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Elena Shanin		elena.shanin@williams.com	385-271-9973
Jack Czapiga		jack.czapiga@williams.com	801-694-0740
Mike Molenaar		michael.molenaar@williams.com_	801-231-4540
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Celyna Ebohon		celyna.ebohon@williams.com	281-728-9400
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