



# Western Interstates Overview

# Table of Contents



## Company Overview

---

Williams Overview	4
Sustainable Operations	5

## System Overview

---

Western Interstates Overview	7
Breakdown by Asset	8
Markets Served	9
Supply Areas	10
Services Offered	11

## MountainWest System

---

System Overview	13
Breakdown by Asset	14
MountainWest Pipeline	15
MountainWest Pipeline Interconnects	16
Storage Overview	17
Clay Basin Storage	18
MountainWest Overthrust Pipeline	19
White River Hub	20

## Northwest Pipeline

---

Asset Overview	22
----------------	----

## Additional Resources

---

New Customer Account Set Up	23
Leadership Team	26
Who Should I Contact?	32



WE MAKE CLEAN ENERGY HAPPEN®

# Company Overview

WESTERN INTERSTATES OVERVIEW

# Williams' infrastructure is critical to serving energy needs



Serving 12 key supply areas and handling over one-third of the nation's natural gas



**Operate >33,000 miles**  
of pipeline across 24 states



**33.1 MMDth/d**  
of gas transmission capacity



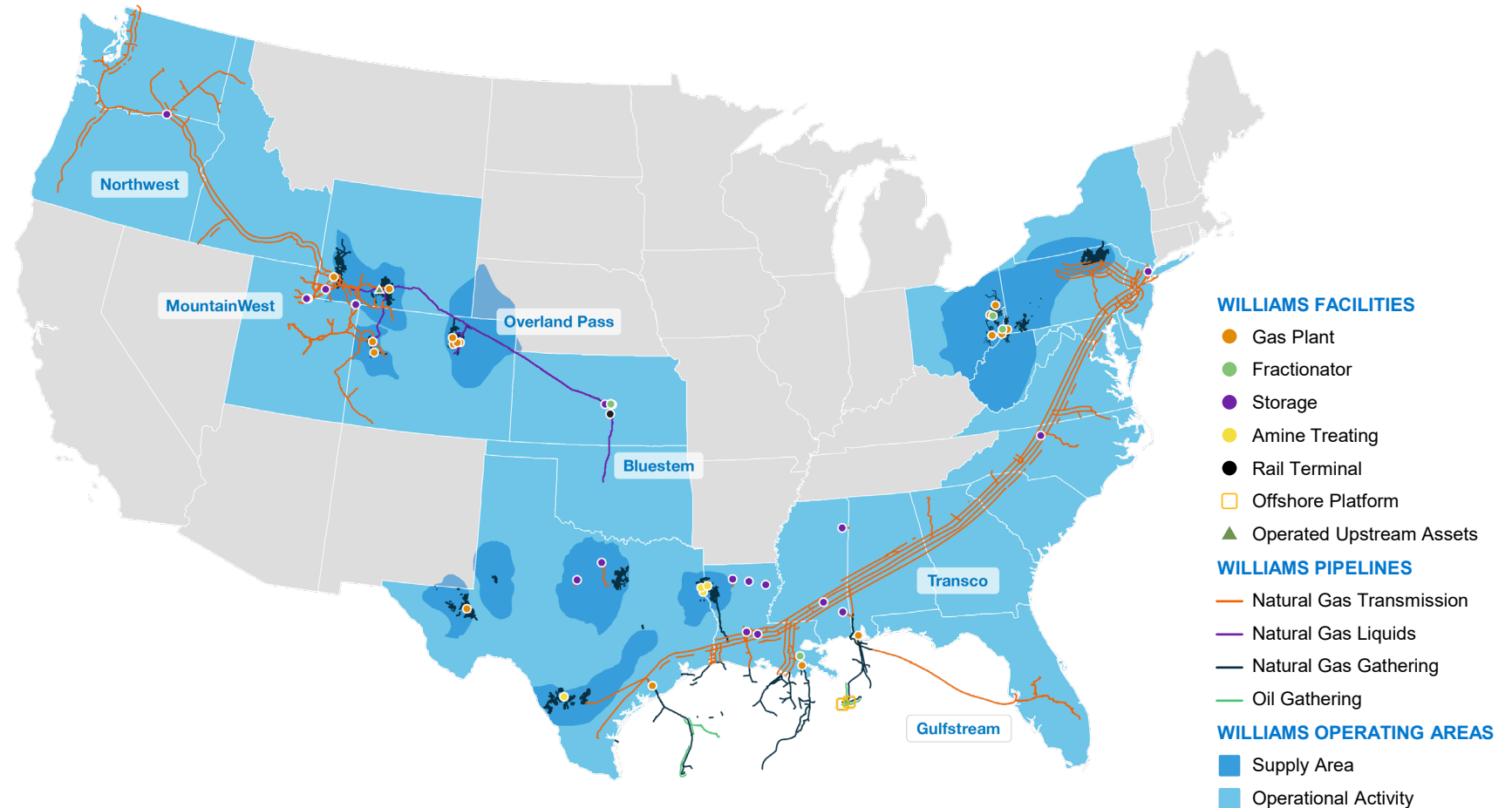
**29.6 Bcf/d**  
of gas gathering capacity



**8.3 Bcf/d**  
of processing capacity



**417 Bcf**  
of gas storage capacity



Map as of February 2026

# Williams is committed to sustainable operations



Since 2018, expansion projects and acquisitions have increased Williams' energy throughput by 42%, while our emissions intensity decreased by 24%, indicating a strong ability to gather, treat, process, transport and store natural gas with increasing efficiency as we grow.

## ACHIEVED 2024 METHANE TARGET

**11.9% reduction**

in one-year absolute methane emissions from 2023, outperforming our target of 5%<sup>[2]</sup>

## NEAR-TERM CLIMATE GOALS

**Achieve 0.0375%**

Scope 1 methane intensity by 2028<sup>[3]</sup>

**30% reduction**

in carbon intensity from 2018 levels by 2028

## LONG-TERM CLIMATE AMBITION

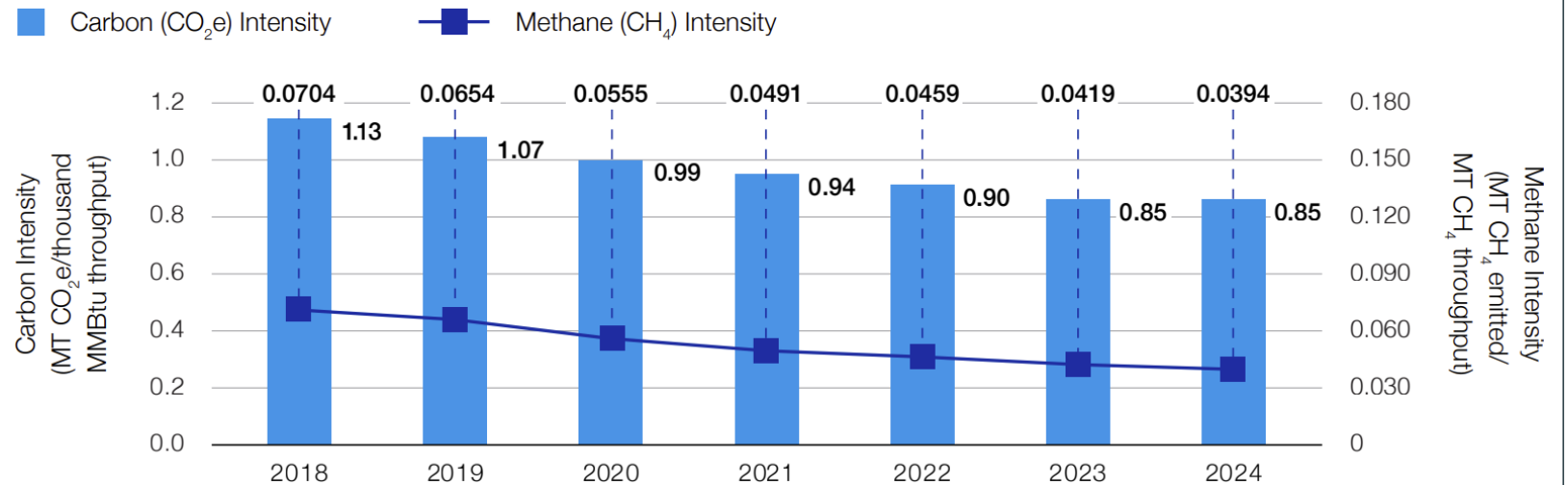
**Achieve net zero**

ambition by 2050 utilizing a combination of immediate and long-term solutions

[2] 2024 Annual Incentive Program goal.

[3] OGMP 2.0 approved goal, target in reference to operated assets.

## CARBON & METHANE EMISSIONS INTENSITY<sup>[4]</sup>



## EXPERIENCE POWERS US & THE FUTURE

Our annual Sustainability Report uses both qualitative descriptions and quantitative measures to describe our policies, programs, practices, and performance in environmental, social and governance areas.

Check out the full 2024 Sustainability Report [here](#).



WE MAKE CLEAN ENERGY HAPPEN®

# System Overview

WESTERN INTERSTATES OVERVIEW

# Western Interstates



Delivers regional and imported natural gas to multiple market outlets, enables shippers to access both eastern and western markets given the bi-directional pipeline flow capabilities

## QUICK STATS



**Operate >6,000 miles**  
of pipeline across six states

MWP (1,879) + MWOP (261) + NWP (3,900) + WRH (22)



**12.4 MMDth/d**  
of peak system capacity

MWP (2.5 MMDth/d) + MWOP (3.3 MMDth/d) +  
NWP (3.8 MMDth/d) + WRH (2.8 MMDth/d)

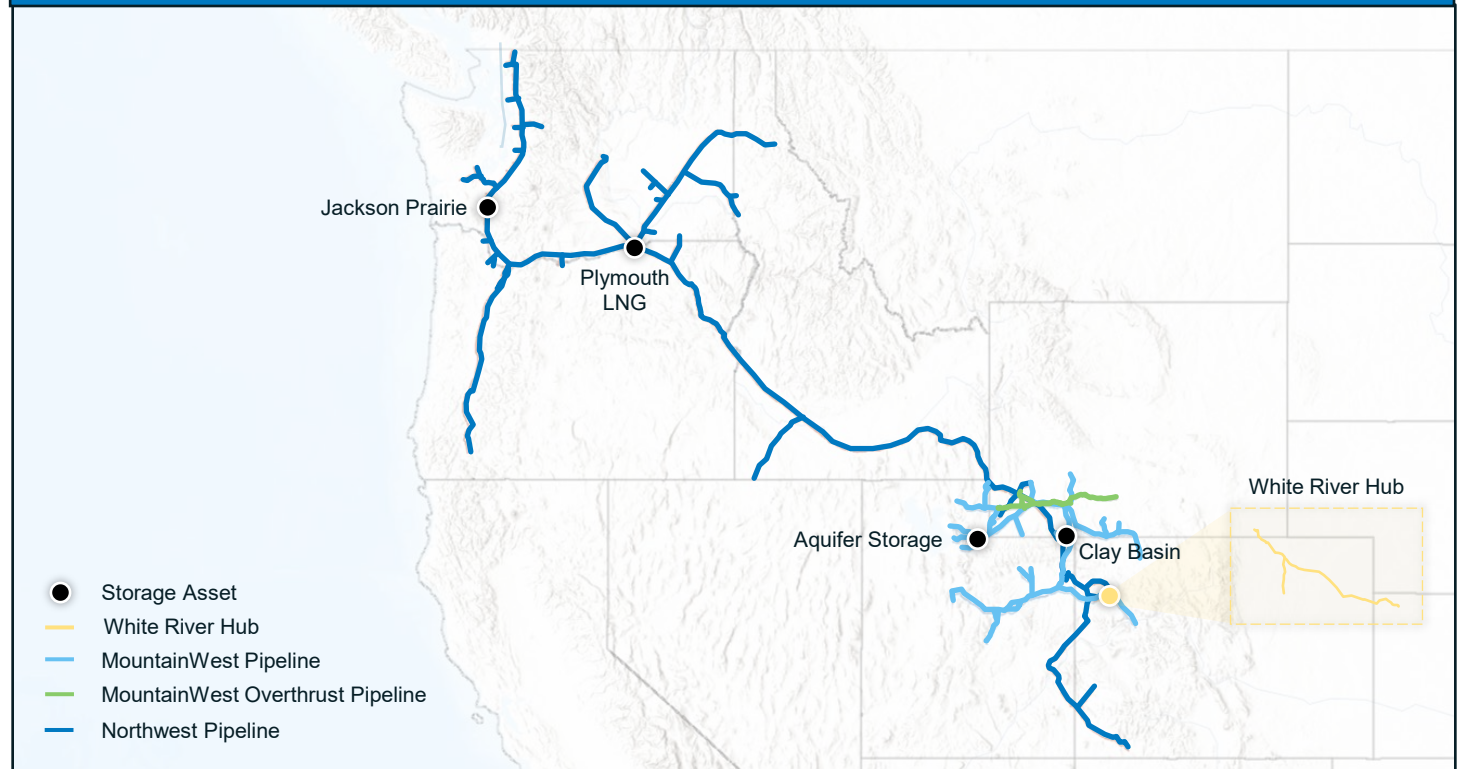


**75.3 MMDth**  
of gas storage capacity

Clay Basin (62.4 MMDth)\* + Aquifers (1.9 MMDth) + Jackson  
Prairie (8.5 MMDth) + Plymouth LNG (2.5 MMDth)

\* Total working capacity of Clay Basin, including the NWP portion of 3.2 MMDth

## SYSTEM MAP



# Asset Overview

## NORTHWEST PIPELINE

- 3,900-mile bi-directional transmission system with 3.8 MMDth/d of peak design capacity
- Routes through Washington, Oregon, Idaho, Wyoming, Utah and Colorado
- Primary supply from Rockies and Canada; Flow patterns driven by lowest-cost sources
- Multiple storage options along the pipeline with high injection and delivery capability, including Jackson Prairie (8.5 MMDth), Clay Basin (3.2 MMDth) and Plymouth LNG (2.5 MMDth)

## MOUNTAINWEST SYSTEM

- Consists of MountainWest Pipeline (MWP), MountainWest Overthrust Pipeline (MWOP), White River Hub (WRH), and several storage assets
- MountainWest Pipeline spans 1,879 miles across Utah, Wyoming and Colorado with 2.5 MMDth/d of capacity
- MountainWest Overthrust Pipeline covers 261 miles in southwest Wyoming along MWP's northern system, with 3.4 MMDth/d capacity
- White River Hub comprises 22 miles on MWP's southern system, with 2.8 MMDth/d capacity
- Storage assets include Clay Basin (62.4 MMDth), the largest underground reservoir in the Rockies, plus three aquifer facilities (1.9 MMDth)





# Markets Served



## PACIFIC NORTHWEST

- Primary artery for delivering natural gas to the region for residential heating, industrial processes, and power generation
- About two-thirds of the regional natural gas supply originates from Canada via NWP
- Critical during extreme weather events when demand surges for heating and backup power

## INTERMOUNTAIN REGION

- Serves Western and Midwestern markets via interconnections with major pipelines
- Key market: Salt Lake City, Utah

## BROADER WESTERN UNITED STATES

- Major markets include Denver, Salt Lake City, Las Vegas, Boise, Reno, Phoenix and Southern California



# Supply Areas

## PRIMARY SUPPLY BASINS

- Greater Green River
- Uinta – Piceance
- San Juan
- Western Canada Sedimentary Basin

## ADDITIONAL SUPPLY ACCESS

- About two-thirds of the gas consumed in the Pacific Northwest is imported from Canada, especially during winter
- Interconnections enable MWP and NWP to import gas from other regions and export to broader markets, these interconnections include:
  - Ruby Pipeline, Rockies Express, Kern River, Wyoming Interstate Company, Colorado Interstate Gas, GTN, El Paso Natural Gas



# Services Offered

## TRANSPORTATION

- Firm transport
- Interruptible transport
- Firm peaking transport
- No-notice transport

## STORAGE

- Firm storage
- Interruptible storage
- Park & loan
- Capacity release
- In-place transfers
- Peaking storage
- Stipulation gas sales



WE MAKE CLEAN ENERGY HAPPEN®

# MountainWest System

WESTERN INTERSTATES OVERVIEW

# MountainWest – The Hub of the Rockies



Includes MountainWest Pipeline, MountainWest Overthrust Pipeline, White River Hub, and several storage assets. Transports natural gas to Salt Lake City and connects major pipeline systems serving Western and Mid-Continent markets.

## QUICK STATS



**2,162 miles**  
of pipeline across three states

MWP (1,879) + MWOP (261) + WRH (22)



**64.3 MMDth**  
of working gas storage capacity

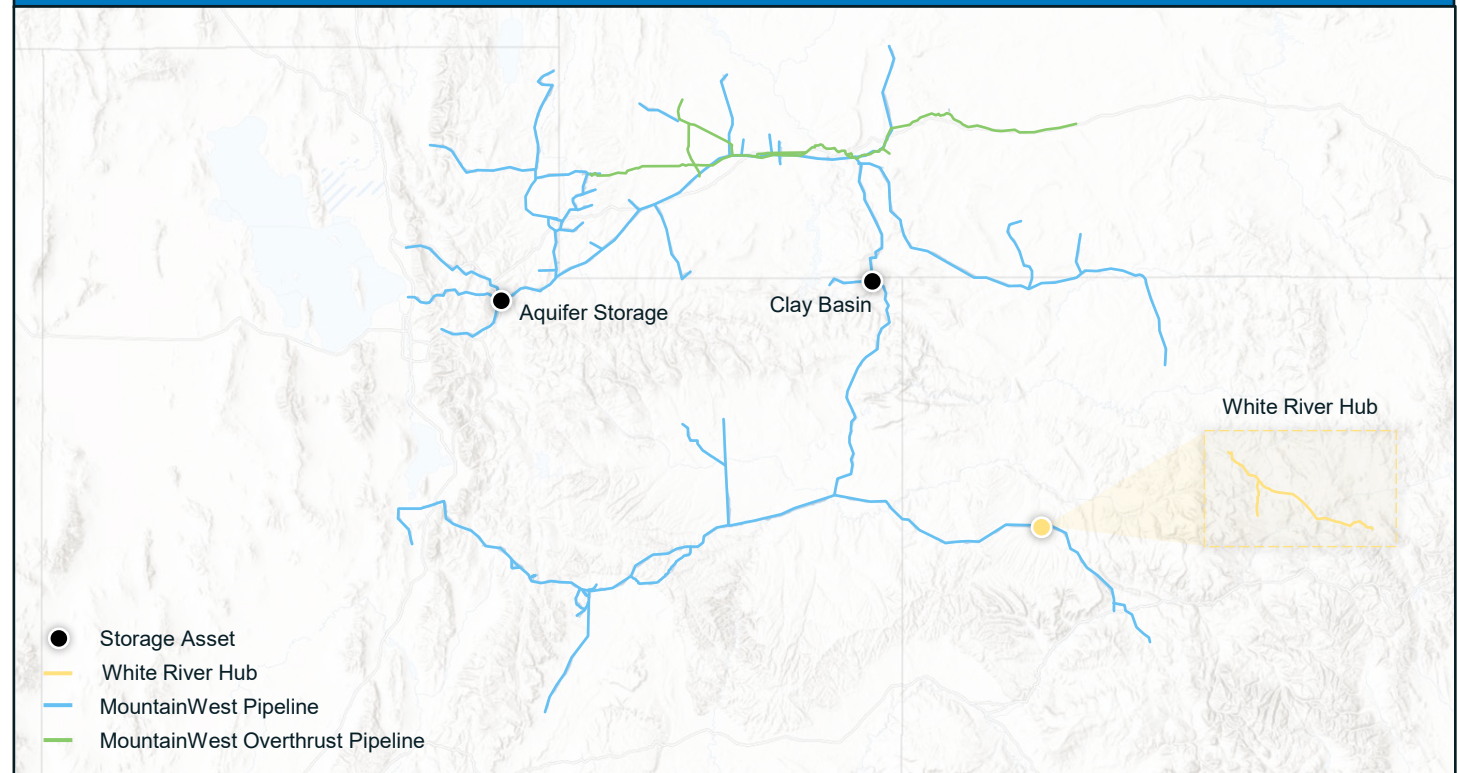
Clay Basin (62.4 MMDth) + Aquifers (1.9 MMDth)



**8.3 MMDth/d**  
of peak system capacity

MWP (2.5 MMDth/d) + MWOP (3.4 MMDth/d) + WRH (2.8 MMDth/d)

## PIPELINE MAP



# MountainWest – The Hub of the Rockies



## MOUNTAINWEST PIPELINE

- 1,879 miles of interstate natural gas pipelines in Utah, Wyoming and Colorado
- 2.5 MMDth/d of peak system capacity
- Located in the Rocky Mountains near large reserves of natural gas in six major producing areas
- Transports gas from these areas to other major pipeline systems for delivery to markets in the West and Mid-Continent

## STORAGE ASSETS

- Depleted gas reservoir, Clay Basin (62.4 MMDth) and three aquifer facilities that are utilized as a single location (1.9 MMDth total)
- Clay Basin is the largest underground storage reservoir in the Rockies
- Aquifer facilities are primarily used for short-term peaking needs

## MOUNTAINWEST OVERTHRUST PIPELINE

- 261 miles of mostly 36" pipeline located in southwestern Wyoming
- 3.4 MMDth/d of peak system capacity
- Provides services for producers in the Green River, Wamsutter and other Rockies producing basins with a multitude of interconnects to major interstate pipelines

## WHITE RIVER HUB

- 22 miles of pipeline in northwest Colorado
- 2.8 MMDth/d of peak system capacity
- 50 / 50 JV between MountainWest (operator) and Enterprise Product Partners
- Connects producers and marketers to downstream markets for natural gas volumes produced in the Piceance basin

# MountainWest Pipeline



Located in the Rocky Mountains near six major producing areas, transports natural gas to various Salt Lake City delivery points as well as other major pipeline systems for delivery to markets in the West and Mid-Continent

## QUICK STATS



**1,879 miles**

of pipeline across Colorado, Utah and Wyoming



**2.5 MMDth/d**

of peak system capacity



**64.3 MMDth**

of working gas storage capacity

Clay Basin (62.4 MMDth) + Aquifers (1.9 MMDth)

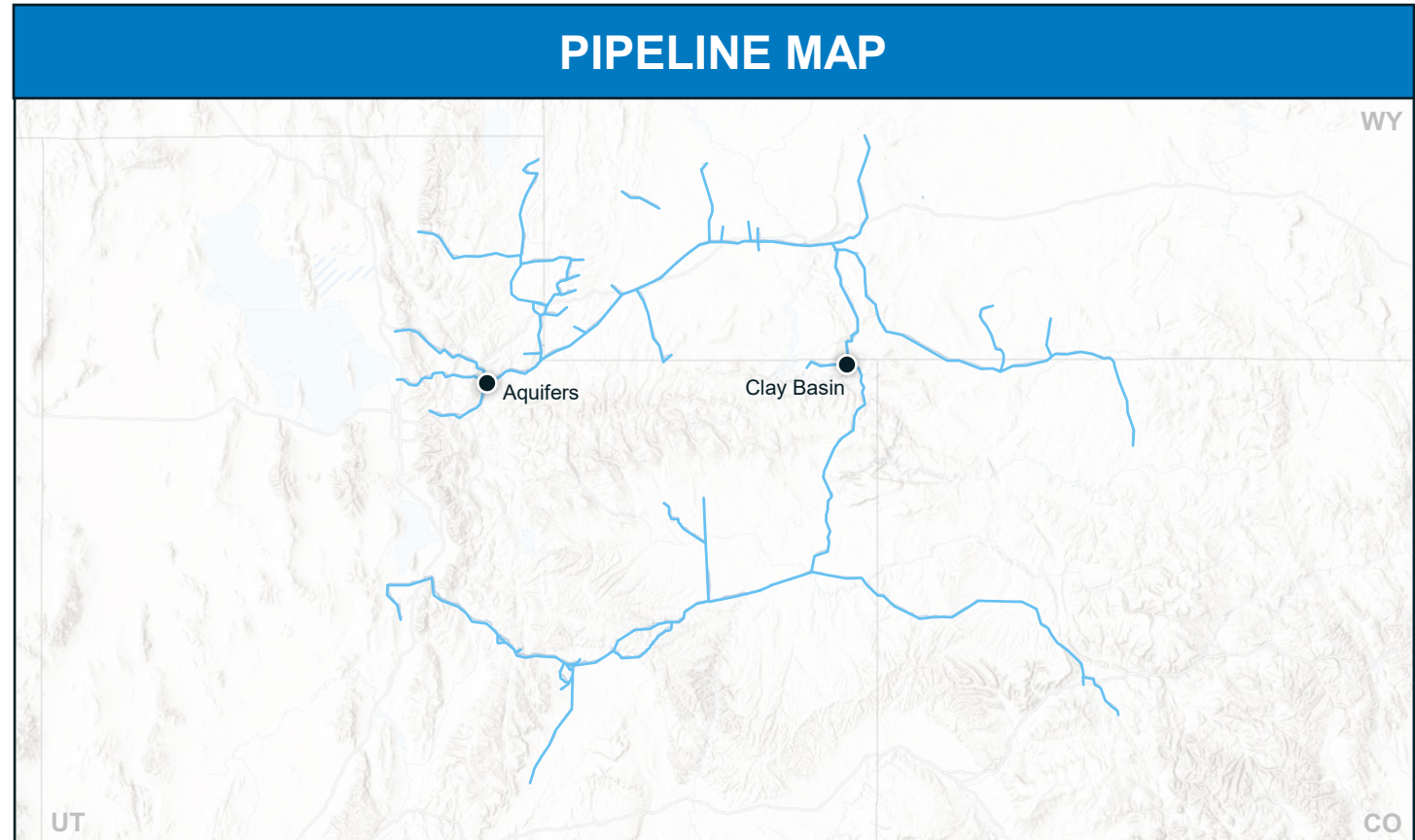


**21 interconnects**

with other major pipeline systems

CIG, Kern River, MWOP, NWP, REX, Southern Star, TransColorado, WIC, WRH, Ruby, EGU, PSCO

## PIPELINE MAP



# MountainWest Pipeline Interconnects

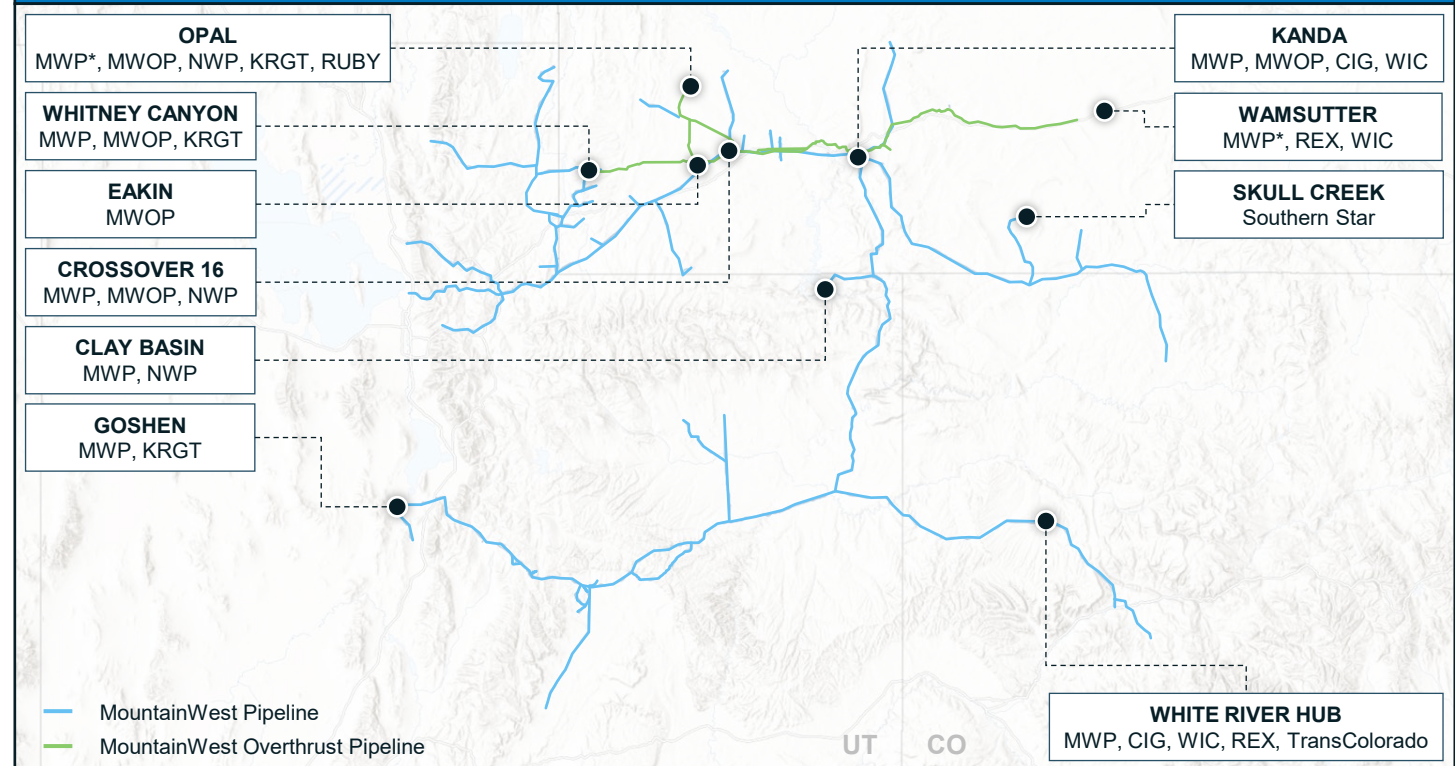


Connecting producers and consumers through a versatile interconnect network that not only expands access to Rockies gas but also strengthens market reach and supports growing energy demand across multiple regions

## ALL INTERCONNECTS

- Colorado Interstate Gas
- Kern River Gas Transmission
- MountainWest Overthrust Pipeline
- Northwest Pipeline
- Rockies Express Pipeline
- Ruby Pipeline
- Southern Star
- TransColorado
- Wyoming Interstate Company
- White River Hub
- Enbridge Gas Utah
- Public Service of Colorado

## PIPELINE MAP



\* MWP interconnect due to off-system points / leased capacity

# MountainWest Pipeline Storage



CLAY BASIN	AQUIFERS	PARK & LOAN	STIP GAS SALES
<p><b>Largest underground storage reservoir in the Rocky Mountains</b></p> <ul style="list-style-type: none"><li>• Located in northeast Utah in Daggett County, near the Wyoming and Colorado borders, ~50 miles south of Rock Springs, WY</li><li>• Working gas capacity of 62.3 MMDth</li><li>• Interconnects with MountainWest Pipeline and Northwest Pipeline</li><li>• Service offerings include firm and interruptible storage, capacity release, stipulation gas sales, park &amp; loan service, and in-place transfers</li></ul>	<p><b>Provides underground storage to support regional energy reliability, offering critical short-term peaking capacity and operational flexibility</b></p> <ul style="list-style-type: none"><li>• Three aquifer storage facilities; Leroy, Coalville &amp; Chalk Creek located in the SW corner of Wyoming and northern Utah</li><li>• Working gas capacity of 1.9 MMDth, supporting high demand periods with reliable supply</li><li>• 27 total wells and 5,980 hp of compression capacity</li><li>• Ideal for daily and intraday swing services, helping manager load variability and supply interruptions</li><li>• Fully subscribed by a single customer</li></ul>	<p><b>Flexible, interruptible service that allows shippers to temporarily “park” (store) or “loan” (borrow) gas for long-term balancing needs within the Clay Basin storage facility</b></p> <ul style="list-style-type: none"><li>• Awarded on a first-come, first-served basis or via bid process with proven creditworthiness</li><li>• Contract term must be less than one year, and must be prepaid within 10 days of the contract award</li><li>• Firm injection rights are negotiable and withdrawal is interruptible; Injection limit of 25 MDth/d</li><li>• Transportation must be arranged separately to and from Clay Basin; In-place transfers are negotiable</li></ul>	<p><b>In-kind natural gas periodically sold from Clay Basin</b></p> <ul style="list-style-type: none"><li>• Requires an executed NAESB agreement in advance and bidder must demonstrate creditworthiness</li><li>• Notice is issued five days prior to the sale</li><li>• Bids are a fixed price, set quantity, and received via email – evaluated based on highest price and timeliness</li><li>• Winner is notified immediately after bidding closes</li><li>• The gas is transferred into an FSS or ISS storage contract</li></ul>



# Clay Basin Storage



The largest underground storage reservoir in the Rocky Mountain region, strategically located at the center of the MountainWest system

## FACILITY OVERVIEW

- Located in northeast Utah, near the Wyoming and Colorado borders
- Situated in Daggett County, ~50 miles south of Rock Springs, WY
- Working gas capacity of 62.3 MMDth

## PIPELINE INTERCONNECTS

- MountainWest Pipeline
  - Injection: 277 MDth/d
  - Withdrawal: 618 MDth/d
- Northwest Pipeline
  - Injection: 250 MDth/d
  - Withdrawal: 320 MDth/d

## SERVICE OFFERINGS

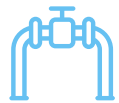
- Firm storage
- Interruptible storage
- Capacity release
- Injection/withdrawal rights release
- In-place transfers
- Park & loan service
- Stipulation gas sales

# MountainWest Overthrust Pipeline



Delivers regional and imported natural gas to multiple market outlets, enabling shippers to access both eastern and western markets given the bi-directional flow capabilities

## QUICK STATS



**261 miles**

of pipeline across Wyoming



**3.4 MMDth/d**

of peak system capacity

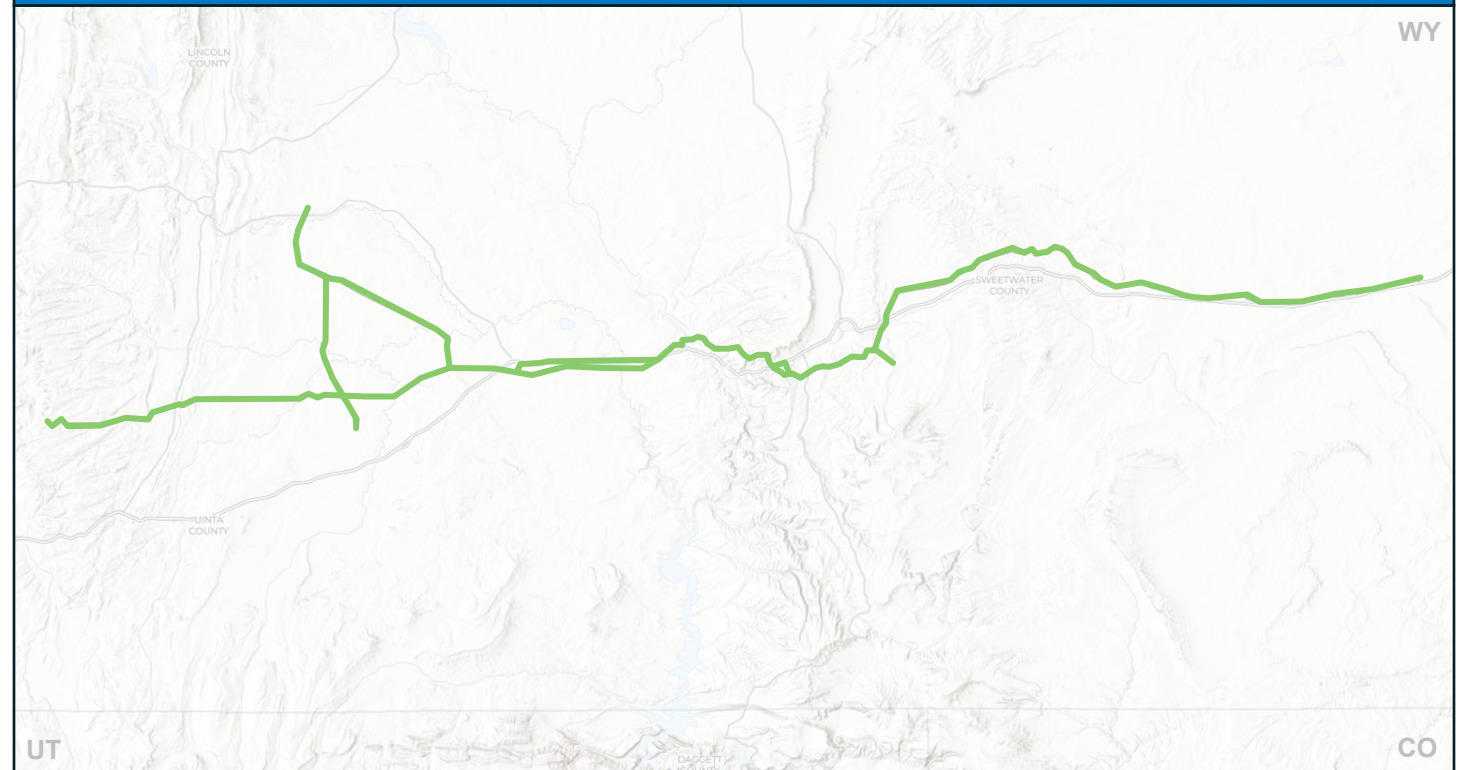


**13 interconnects**

with other pipeline systems

Kern River, MWP, NWP, REX, WIC, Ruby

## PIPELINE MAP



# White River Hub



Provides producers, marketers, and shippers access to downstream markets for Piceance Basin gas through interconnections with other major pipelines

## QUICK STATS



**50/50 JV**

between MountainWest (operator) & Enterprise Product Partners



**22 miles**

of pipeline in Rio Blanco County, CO



**2.8 MMDth/d**

of peak system capacity

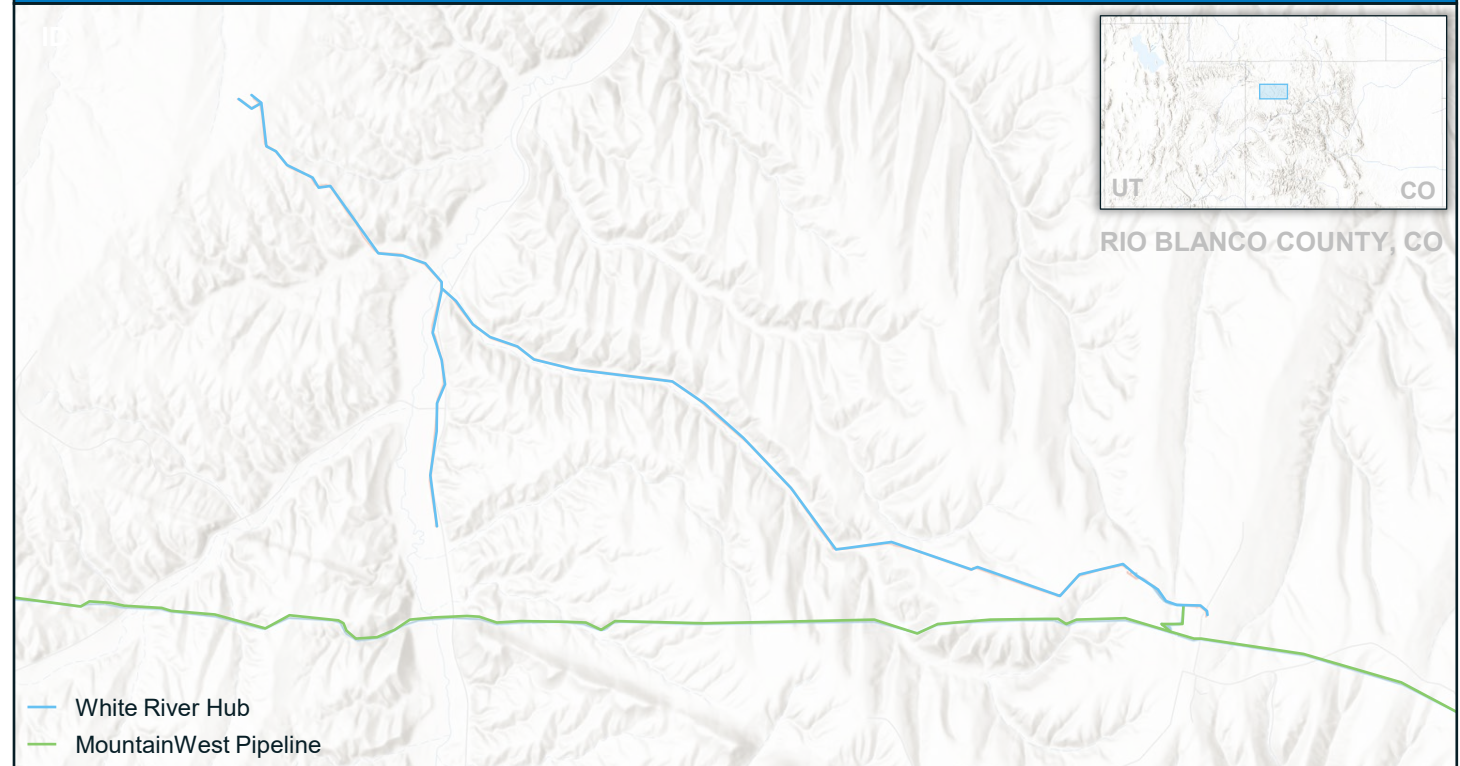


**6 interconnects**

with other pipeline systems

CIG, MWP, NWP, REX, TransColorado, WIC

## PIPELINE MAP





WE MAKE CLEAN ENERGY HAPPEN®

# Northwest Pipeline

WESTERN INTERSTATES OVERVIEW

# Northwest Pipeline



Primary artery for the transmission of natural gas to the Pacific Northwest and Intermountain Region, providing access to British Columbia, Alberta, Rocky Mountain and San Juan Basin gas supplies

## QUICK STATS



**3,900 miles**  
of pipeline across six states



**3.8 MMDth/d**  
of peak system capacity

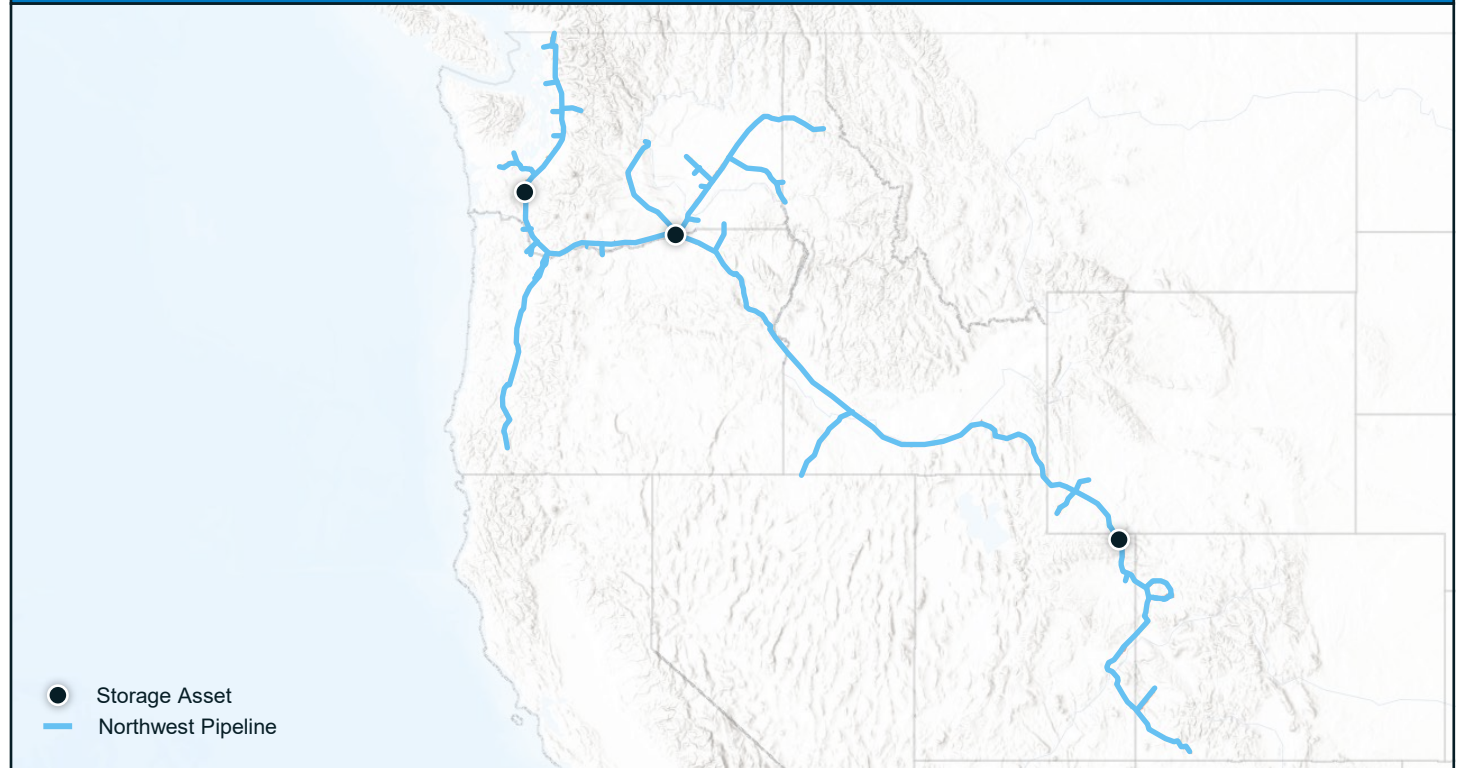


**14.2 MMDth**  
of working gas storage capacity  
Clay Basin (3,200 MDth) + Jackson Prairie (8,500 MDth) + Plymouth LNG (2,500 MDth)



**10 interconnects**  
with other major pipeline systems  
CIG, El Paso, FortisBC Huntingdon, GTN, Kern River, MWP, MWOP, Great Basin, Transwestern, Westcoast Pipeline

## PIPELINE MAP





WE MAKE CLEAN ENERGY HAPPEN®

# New Customer Account Setup

WESTERN INTERSTATES OVERVIEW

# MWP new customer account set up

## MyQuorum Account Set Up

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

### STEP 1

- Go to [mwpipeline.com](http://mwpipeline.com) > Customer Access near the top left > User Access Agreements

### STEP 2

- Complete the applicable User Request Form(s) and have them signed by an authorized representative

### STEP 3

- Once complete, return via email to [MWPipe@Williams.com](mailto:MWPipe@Williams.com)

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



# NWP new customer account set up

## Northwest Passage Account Set Up

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

### STEP 1

- Go to [Northwest.Williams.com](https://Northwest.Williams.com) > Select Agreement/Forms section on the left hand side > Choose the Logon ID Request form within the agreements/forms section

### STEP 2

- Fill out all required fields on the form > Have approval sign off by an authorized representative prior to submission

### STEP 3

- To submit form, send the signed form to [SLC.NWPSCHED@williams.com](mailto:SLC.NWPSCHED@williams.com) > The scheduling team will handle your request within two business days.

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





WE MAKE CLEAN ENERGY HAPPEN®

# Leadership Team

WESTERN INTERSTATES OVERVIEW



## PAYVAND FAZEL

Senior Vice President, Commercial



Tulsa, OK



Oklahoma State University  
**B.S. in Economics**

Oklahoma State University  
**MBA**

## PROFESSIONAL EXPERIENCE

Payvand Fazel currently serves as Senior Vice President of Commercial at Williams. Prior to this role, Payvand was the Vice President of Western Interstates, a new organization that consolidated Williams' MountainWest and Northwest Pipeline operations, commercial, and business development teams to better integrate and optimize the Western regulated natural gas transmission and storage assets. Prior to that role, Payvand served as Vice President of Natural Gas Liquids (NGL) Operations and Commercial; Vice President of Strategic Development; and Vice President of Origination and NGL Marketing/Commercial.

Before joining Williams, Payvand began his career at Flint Hills Resources, a subsidiary of Koch Industries.

Additionally, Payvand was named to Oil and Gas Investor's 40 Under 40 class of 2025 and has also been recognized as an Outstanding Young Alumni of Oklahoma State University's Spears School of Business.

## EDUCATION

Payvand graduated from Oklahoma State University with a B.S. in Economics and later completed his MBA at Oklahoma State University.

## COMMUNITY INVOLVEMENT

Payvand is deeply engaged in professional and community leadership. He currently serves on the Executive Committee and Mission Expansion Committee for Family and Children's Services. His prior board service includes the Northwest Gas Association, Western Energy Institute Board of Directors, and the Center for Individuals with Physical Challenges.





## GARY VENZ

*Director, Commercial Services*



Houston, TX



University of Utah  
**B.S. in Finance**

## PROFESSIONAL EXPERIENCE

Gary Venz is the dynamic and visionary Director of Commercial Services for Western Interstates at Williams, a new organization consolidating Williams' MountainWest and Northwest Pipeline operations, commercial, and business development teams to better integrate and optimize the Western regulated natural gas transmission and storage assets. Gary's journey with Williams began in 2007, and over the years, he has ascended through various senior roles within the commercial and business development organization, showcasing his exceptional leadership and strategic acumen.

Before his tenure at Williams, Gary honed his expertise as the Manager of Origination for Duke Energy North America in Salt Lake City, Utah. His extensive experience in the energy sector has equipped him with a deep understanding of market dynamics and a knack for identifying growth opportunities.

## EDUCATION

Gary is a proud alumnus of the University of Utah, where he earned his bachelor's degree in finance.

## COMMUNITY INVOLVEMENT

Beyond his professional achievements, Gary is actively involved in the energy community. He serves on the Steering Committee for the Western Energy Institute Energy Management Committee and has previously contributed his expertise as a Board Member of the Northwest Gas Association.





## JOSEPH HULSE

*Director, Business Development*



**Salt Lake City, UT**



University of Utah  
**B.S. in Finance**

University of Utah  
**MBA**

## PROFESSIONAL EXPERIENCE

Joseph Hulse currently serves as the Director of Business Development for Western Interstates at Williams, where he leads strategic initiatives to expand market reach and foster long-term partnerships. With a proven track record in business development and marketing, Joseph brings a results-driven approach to creating innovative solutions that deliver value across diverse markets.

Over the course of his career, Hulse has held progressive leadership roles, including Director of Commercial Services at MountainWest and Manager of Marketing & Business Development at Dominion Energy. His experience spans many areas including business development, marketing strategy, and commercial operations, positioning him as a trusted leader in driving growth and operational excellence.

## EDUCATION

A Salt Lake City native, Joseph earned both his bachelor's degree in finance as well as his MBA from the University of Utah. Prior to this he also earned a bachelor's degree in biology from the University of Utah.

## COMMUNITY INVOLVEMENT

Committed to community engagement, he serves as a Board Member for Volunteers of America in Salt Lake City, where he support initiatives that strengthen local communities.





## KRAIG BLACKBURN

*Director, Operations – Rockies*



Salt Lake City, UT



Utah State University  
B.S. in Computer Science

## PROFESSIONAL EXPERIENCE

Kraig Blackburn currently serves as the Director of Operations for Western Interstates in the Rockies Division at Williams. With 32 years of hands-on experience in transmission systems, grid reliability, and operational excellence, Kraig leads teams to deliver safe, reliable, and innovative solutions across the energy sector. Kraig is recognized as a Safety Champion, committed to maintaining the highest safety standards throughout all transmission operations.

Black brings a wealth of experience from his tenure at MountainWest, where he served as Operations Director for five years and previously as Senior Manager of the South Division for over a decade. His leadership was instrumental in driving operational excellence and regional growth. Following the acquisition of MountainWest by Williams in 2023, Kraig played a key role in ensuring a smooth transition, leveraging his deep knowledge of the organization to align processes and maintain continuity during the integration.

## EDUCATION

A Salt Lake City native, Kraig earned his bachelor's degree in computer science from Utah State University.

## COMMUNITY INVOLVEMENT

Kraig is deeply committed to community engagement. As a Board Member for Junior Achievement of Utah, Kraig supports youth education in financial literacy, entrepreneurship, and career readiness, inspiring future leaders across Utah. Kraig also volunteers with Camp Kostopulos (Camp K), supporting inclusive recreational and educational programs for individuals of all abilities. With over 20 years of service to United Way of Salt Lake, Kraig has helped advance community well-being through education, financial stability, and health initiatives, making a lasting impact on countless families.





## ROB HARMON

*Director, Operations – Pacific*



Salt Lake City, UT



University of Utah  
**B.S. in Mechanical  
Engineering**

## PROFESSIONAL EXPERIENCE

Rob Harmon assumed the role of Director of Operations for Northwest Pipeline in 2013, bringing extensive leadership to the position. Over the years, he successfully navigated numerous organizational changes, including modifications to division boundaries and evolving operational assignments. His ability to adapt and lead through these transitions has been critical to maintaining efficiency and reliability across the system. Since 2019, Rob has overseen operations for the entire Northwest Pipeline system following its consolidation into a single division, ensuring seamless integration and continued operational excellence.

Rob's career with Williams began in 1992 when he joined as an Engineering Intern at Northwest Pipeline. After graduating, he transitioned into a full-time role and steadily advanced through a variety of technical and leadership positions. His responsibilities have spanned a broad range of disciplines, including serving as Project Engineer and Project Manager where he managed complex projects and delivered innovative solutions. Rob also held roles as Operations Supervisor, Manager of Pipeline Control, and Manager of Engineering, Mapping, GIS, and Survey, demonstrating his versatility and deep understanding of pipeline operations and engineering.

## EDUCATION

Rob earned a bachelor's degree in mechanical engineering from the University of Utah and is a licensed Professional Engineer in the state of Utah. His technical expertise, combined with decades of hands-on experience, has positioned him as a trusted leader within Williams and a key contributor to the success of Northwest Pipeline.





WE MAKE CLEAN ENERGY HAPPEN®

# Team Contacts

WESTERN INTERSTATES OVERVIEW

System Overview

# Who should I contact?



## BUSINESS & COMMERCIAL DEVELOPMENT

- Works with you to develop new projects and facilities, including added transportation capacity, system expansions that create new operational capacity
- Assists with new and existing long-term contracts and service agreements
- Partners with you on strategic initiatives to expand your business

## COMMERCIAL OPTIMIZATION

- Provides support for short-term firm capacity solutions
- Manages term park-and-loan and park-and-loan transactions
- Facilitates stipulation gas sales

## COMMERCIAL SERVICES

- Manages your daily scheduling on NWP
- Supports your transportation agreements and capacity allocations
- Provides clear guidance on service options and procedures
- Oversees your Operational Balancing Agreements (OBAs)

## TRANSPORTATION SERVICES

- Manages your daily scheduling on MWP
- Supports your transportation agreements and capacity allocations
- Provides clear guidance on service options and procedures
- Oversees your Operational Balancing Agreements (OBAs)

## SUPPORT CONTACTS

### MountainWest Pipeline

Scheduling Hotline: (801) 584-6034

MWP Scheduling ICE Chat: MWPScheduling

Pipeline Control: (800) 300-2025

Emergency or Gas Leak? (800) 300-2025

### Northwest Pipeline

Scheduling Hotline: (713) 215-6301

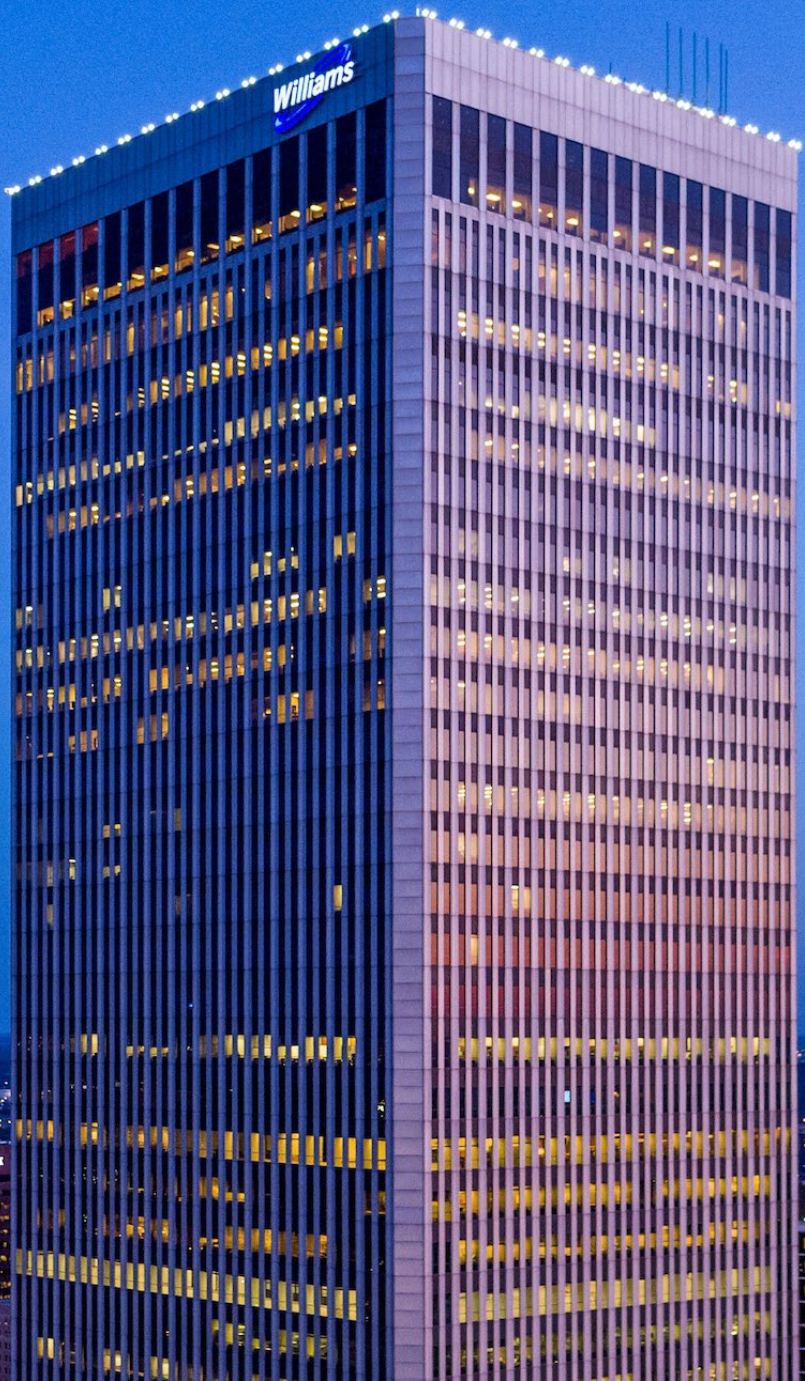
Gas Control:

- North: (713) 215-6949
- South: (713) 215-6948

### Other

Williams Emergency Contact: (855) 945-5762

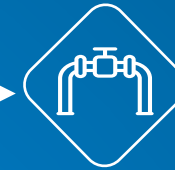




WE MAKE CLEAN ENERGY HAPPEN®



**OUR HISTORY**  
*Founded in 1908 as a  
construction company*



**PRESENT**  
*Premier natural gas  
pipeline company*



**OUR FUTURE**  
*Reliably deliver  
clean energy*

Williams has been powering America with clean natural gas for more than a century, so we know what it takes to fuel progress. We can move toward a clean energy future while meeting rising energy demands—which is why we continue to invest in emissions-reducing innovations. The path to sustainability will be powered by experience—**and experience powers us.**



WE MAKE CLEAN ENERGY HAPPEN®

A strategy fueled by **natural gas**

