

2025-2026 IRP Technical Conference

Docket No. 25-057-02

April 10, 2025



2025-2026 IRP Schedule



March 4, 2025

- Review IRP Standards and Guidelines
- Review 2024 UTPSC Order regarding IRP
- Transportation and Storage Planning
- Gas Supply Hedging
- Supply Sourcing – Volumes and Locations

April 10, 2025

- Heating Season Review (LNG)
- IRP Project Detail Discussion
- Hydrogen
- Rural Expansion Update
- System Integrity

May 6, 2025

- RFP Review (Confidential)
- Long-Term Planning
- Wexpro Matters (Confidential)
- Data Center Update

July 15, 2025

- Final Presentation

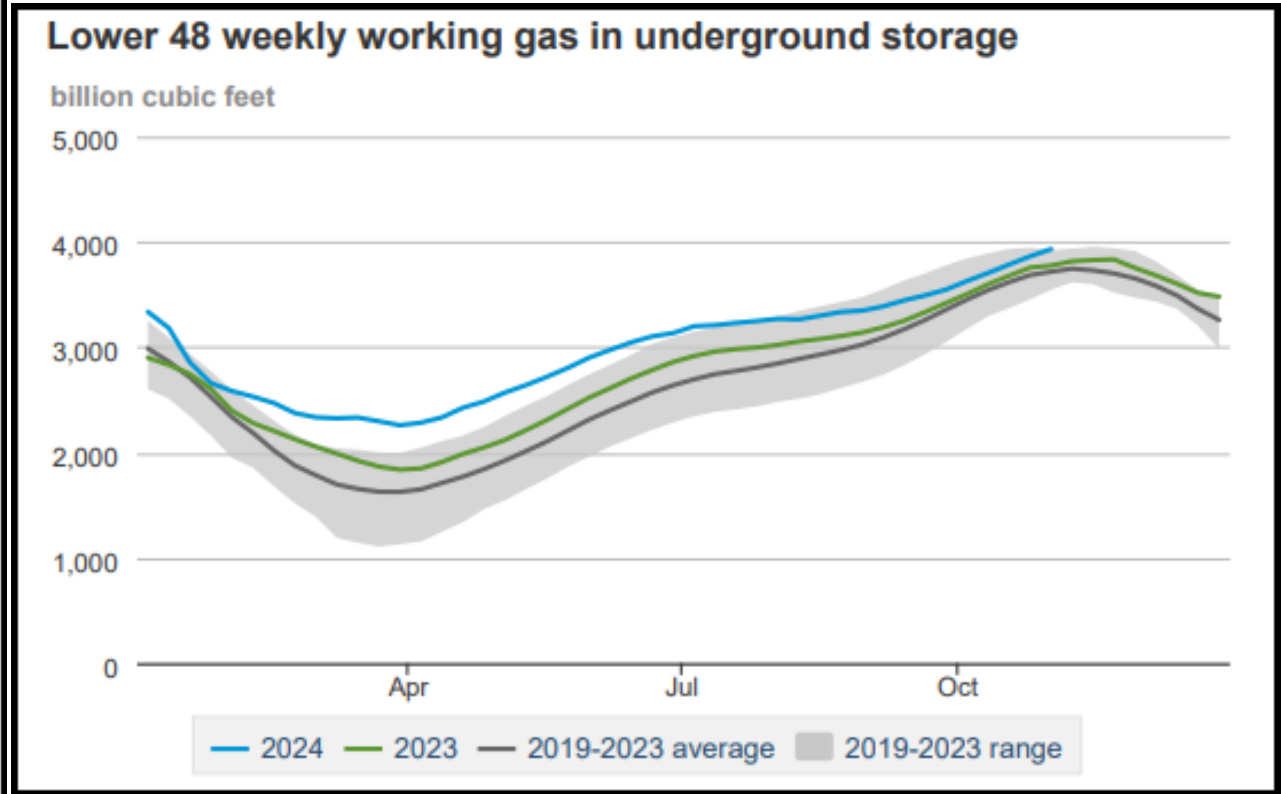
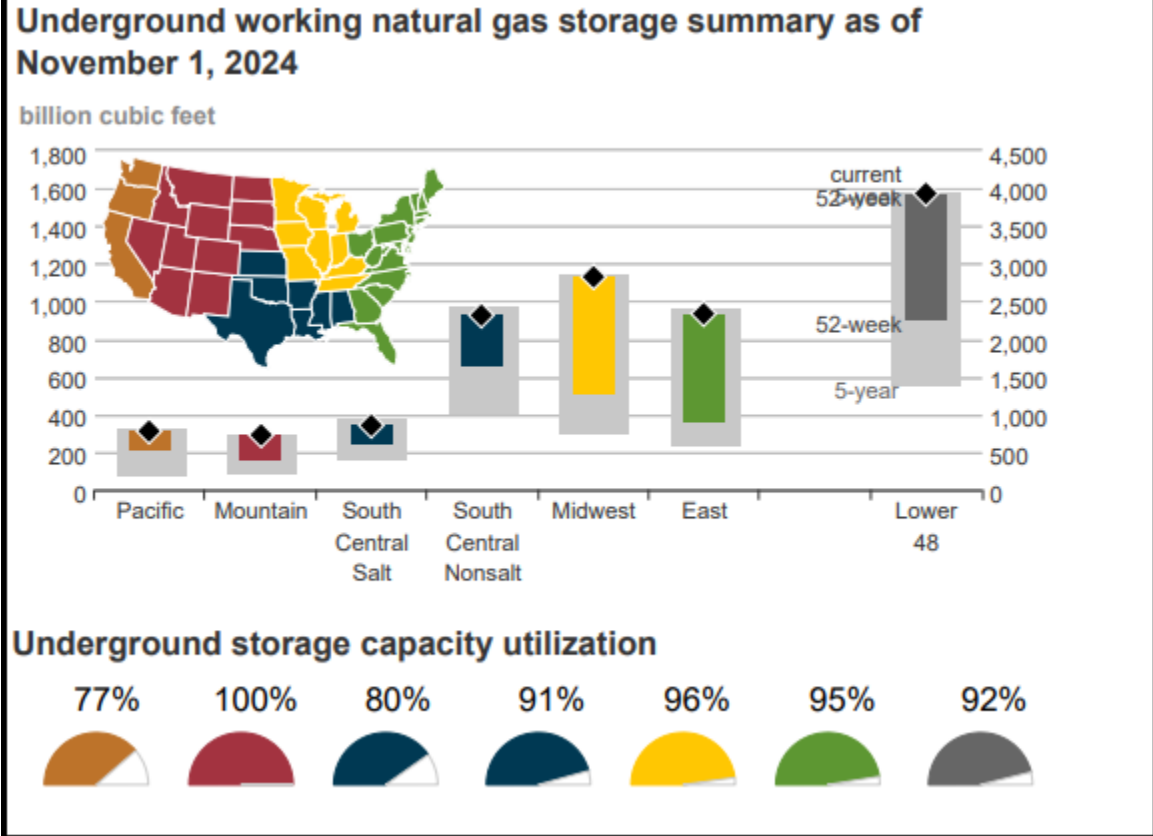
DPU Data Requests

- 2.1 Please provide the average GS bill on a monthly basis for 2021, 2022, 2023, 2024, & 2025. - Written reply
- 2.2 Please provide the Company's plan regarding use of the LNG plant for high commodity pricing event(s). - Discussed in tech conference slide 19
- 2.3 Please provide the "Highest Sendout vs. Peak Design Day" chart for the previous 15 years. - Provided in tech conference slide 15
- 2.4 Please provide the past 15 years the "Aquifer Usage" chart. - Written reply
- 2.5 Please provide the past 15 years of the "Clay Basin Usage (activity)" - Partially provided in tech conference slide 16

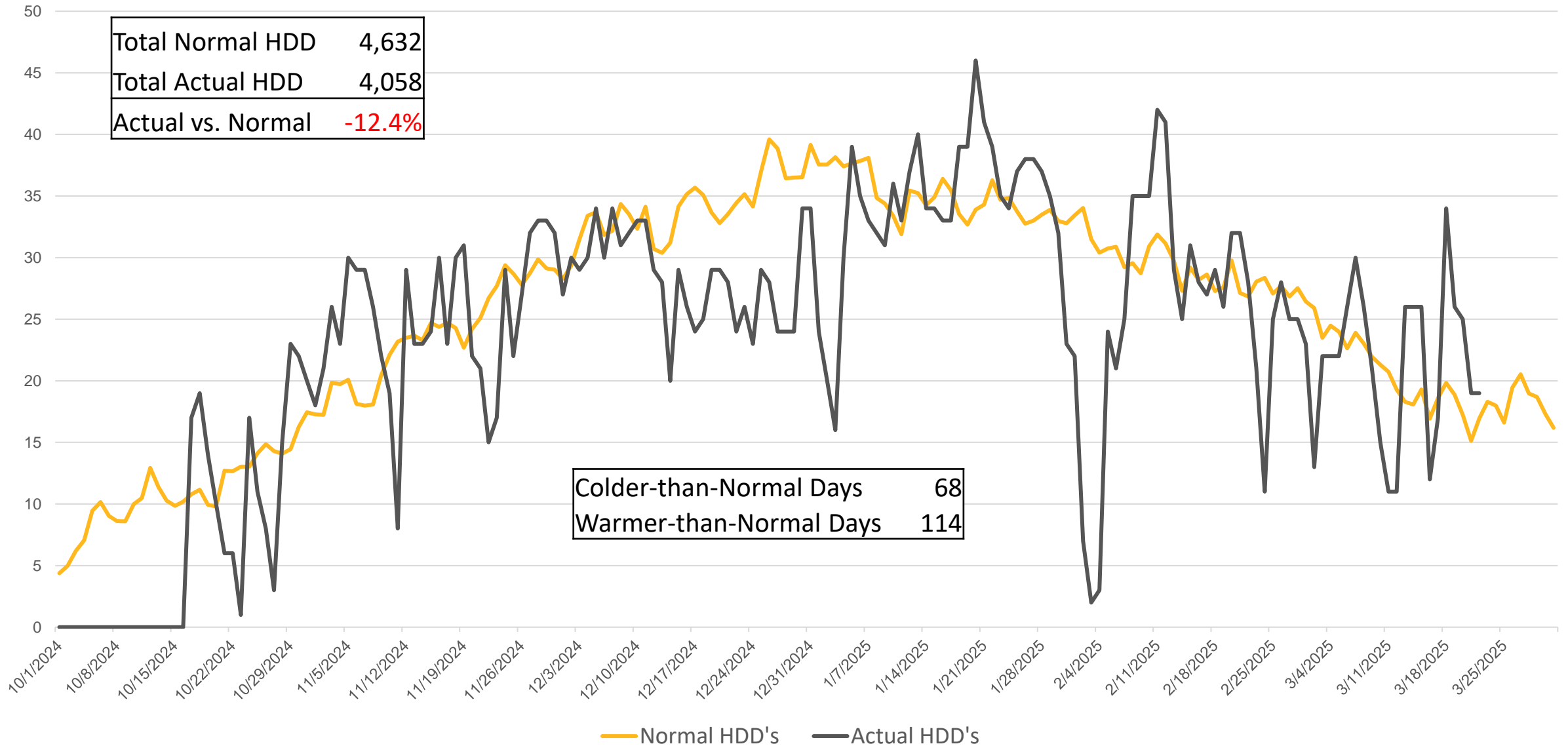
Heating Season Review

Steve Wall

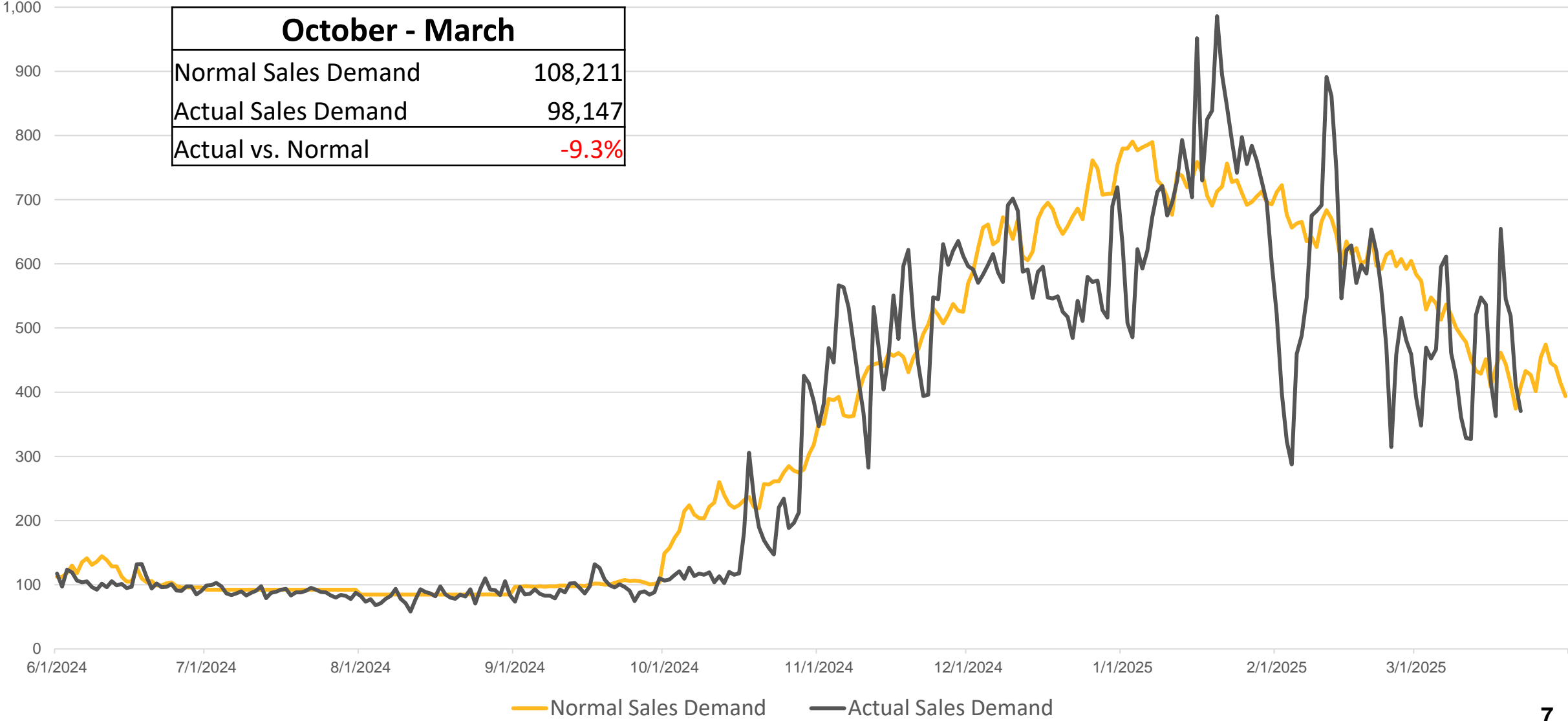
Storage Picture (Nov 1, 2024)



Heating Degree Days (October – March)



Demand



Historic Demand 2001-2025



Rank	Gas Day	Mean	Total System (Dth)	Total Sales (Dth)	Transport (Dth)
1	1/30/2023	15	1,376,990	1,011,085	365,905
2	1/20/2025	21	1,355,312	994,867	360,445
3	1/31/2023	18	1,318,385	966,844	351,541
4	12/30/2014	12	1,280,215	1,003,869	276,346
5	2/23/2022	24	1,265,410	884,467	380,943
6	2/11/2025	25	1,264,266	899,309	364,957
7	1/21/2025	26	1,261,807	904,842	356,965
8	1/1/2022	17	1,246,748	890,092	356,656
9	1/6/2017	6	1,239,422	976,927	262,495
10	1/5/2017	13	1,238,534	920,364	318,170
11	1/2/2022	19	1,233,830	874,859	358,971
12	2/15/2023	27	1,233,133	898,880	334,253
13	2/2/2022	21	1,226,841	857,654	369,187
14	2/12/2025	25	1,226,710	870,135	356,575
15	1/14/2013	7	1,225,730	993,326	232,404
16	1/2/2019	18	1,221,318	888,064	333,254
17	2/1/2023	25	1,218,453	873,219	345,234
18	1/22/2025	26	1,214,593	852,688	361,905
19	1/1/2019	15	1,213,623	893,606	320,017
20	2/3/2022	22	1,209,649	841,690	367,959
21	1/22/2023	25	1,208,292	872,569	335,723
22	1/11/2024	25	1,203,877	840,231	363,646
23	1/10/2024	28	1,202,004	833,293	368,711
24	12/16/2022	23	1,196,272	845,660	350,612
25	2/22/2023	26	1,194,469	841,094	353,375

MountainWest Peak Flow Days



Record peak flow days on MountainWest Pipeline

MountainWest Pipeline – 1-Day Total

- 9 of the top ten peak flow days occurred during the past 2 winters!
- 5 out of 10 occurred in Winter 2024
- 4 out of 10 occurred in Winter 2025

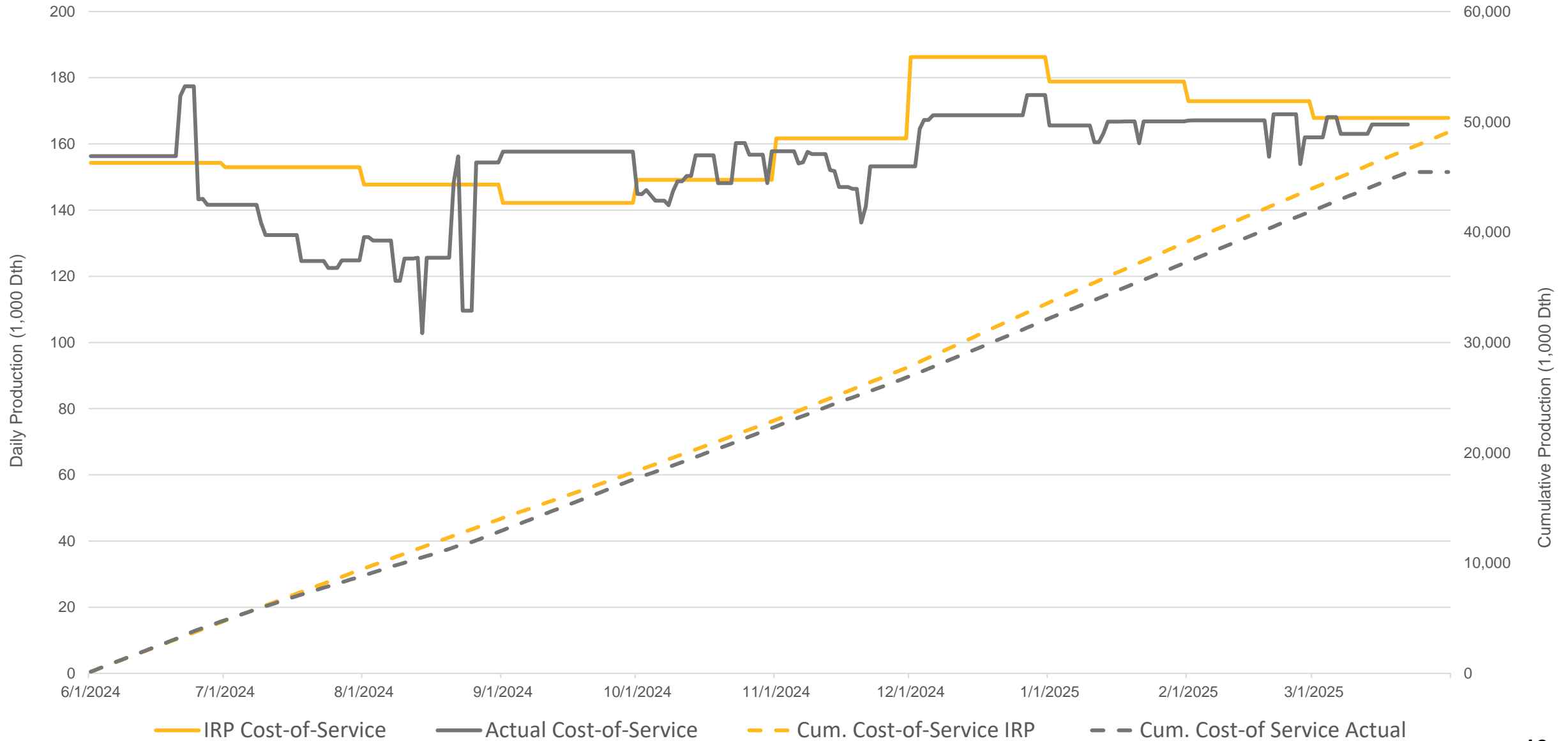
Top 10: 1-Day Peak Flow Total (Dth)						
Rank	MWP		MWOP		WRH	
	Peak Actual Delivery	Date	Peak Actual Delivery	Date	Peak Actual Delivery	Date
1	1,968,902	10-Jan-2024	1,996,343	12-Dec-2022	1,453,463	7-Jul-2019
2	1,957,199	9-Jan-2024	1,990,287	19-Dec-2022	1,450,965	22-May-2019
3	1,940,229	8-Jan-2024	1,969,724	11-Dec-2022	1,445,983	4-Jul-2019
4	1,924,328	28-Jan-2025	1,963,849	9-Dec-2022	1,444,329	23-May-2019
5	1,911,841	11-Feb-2025	1,945,897	4-Jan-2023	1,441,833	6-Jul-2019
6	1,911,652	22-Jan-2025	1,942,436	17-Dec-2022	1,438,402	24-May-2019
7	1,907,807	12-Jan-2024	1,938,717	10-Dec-2022	1,433,733	5-Jul-2019
8	1,899,350	11-Jan-2024	1,936,480	16-Dec-2022	1,433,333	28-Aug-2018
9	1,888,586	9-Dec-2022	1,934,990	29-Nov-2023	1,424,683	24-Aug-2018
10	1,884,204	27-Jan-2025	1,934,212	20-Dec-2022	1,423,138	31-Aug-2018

MountainWest Pipeline – 3-Day Total

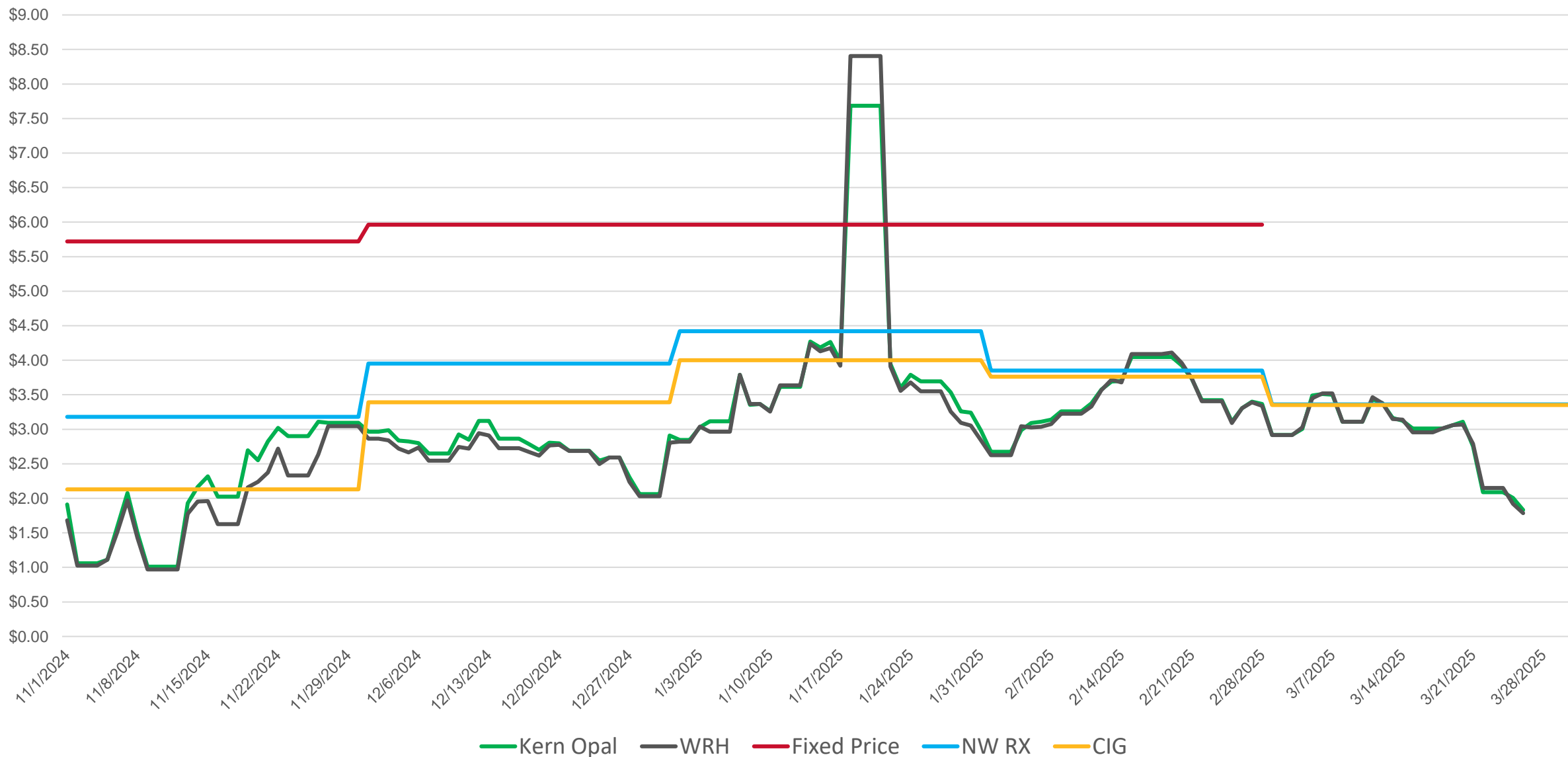
- All top ten 3-day peak flows totals occurred during the past 2 winters!
- 4 out of 10 occurred in Winter 2024
- 6 out of 10 occurred in Winter 2025

Top 10: 3-Day Peak Flow Total (Dth)									
Rank	MWP			MWOP			WRH		
	Peak Actual Delivery	Start Date	End Date	Peak Actual Delivery	Start Date	End Date	Peak Actual Delivery	Start Date	End Date
1	5,866,330	8-Jan-2024	10-Jan-2024	5,904,784	10-Dec-2022	12-Dec-2022	4,333,696	22-May-2019	24-May-2019
2	5,825,451	9-Jan-2024	11-Jan-2024	5,891,982	11-Dec-2022	13-Dec-2022	4,329,029	5-Jul-2019	7-Jul-2019
3	5,776,059	10-Jan-2024	12-Jan-2024	5,872,290	9-Dec-2022	11-Dec-2022	4,321,549	4-Jul-2019	6-Jul-2019
4	5,691,490	7-Jan-2024	9-Jan-2024	5,866,287	17-Dec-2022	19-Dec-2022	4,315,937	6-Jul-2019	8-Jul-2019
5	5,610,918	20-Jan-2025	22-Jan-2025	5,858,063	18-Dec-2022	20-Dec-2022	4,267,414	28-Aug-2018	30-Aug-2018
6	5,572,210	21-Jan-2025	23-Jan-2025	5,840,507	19-Dec-2022	21-Dec-2022	4,266,930	23-May-2019	25-May-2019
7	5,567,463	26-Jan-2025	28-Jan-2025	5,839,378	12-Dec-2022	14-Dec-2022	4,266,465	21-May-2019	23-May-2019
8	5,565,177	27-Jan-2025	29-Jan-2025	5,812,480	16-Dec-2022	18-Dec-2022	4,257,219	29-Aug-2018	31-Aug-2018
9	5,539,349	11-Feb-2025	13-Feb-2025	5,804,155	8-Dec-2022	10-Dec-2022	4,253,938	7-Jul-2019	9-Jul-2019
10	5,528,908	22-Jan-2025	24-Jan-2025	5,794,823	7-Dec-2022	9-Dec-2022	4,237,376	24-May-2019	26-May-2019

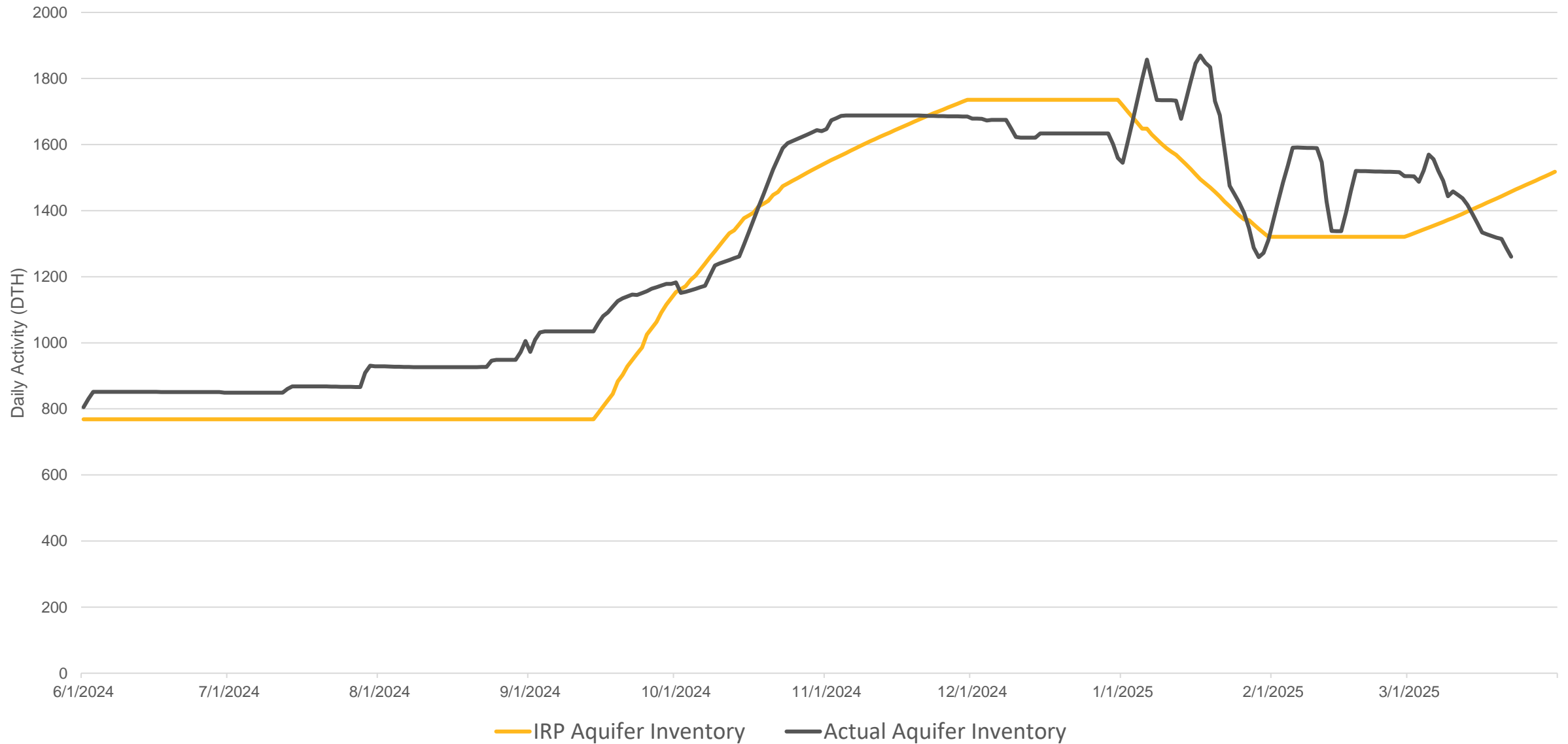
Cost-of-Service Production



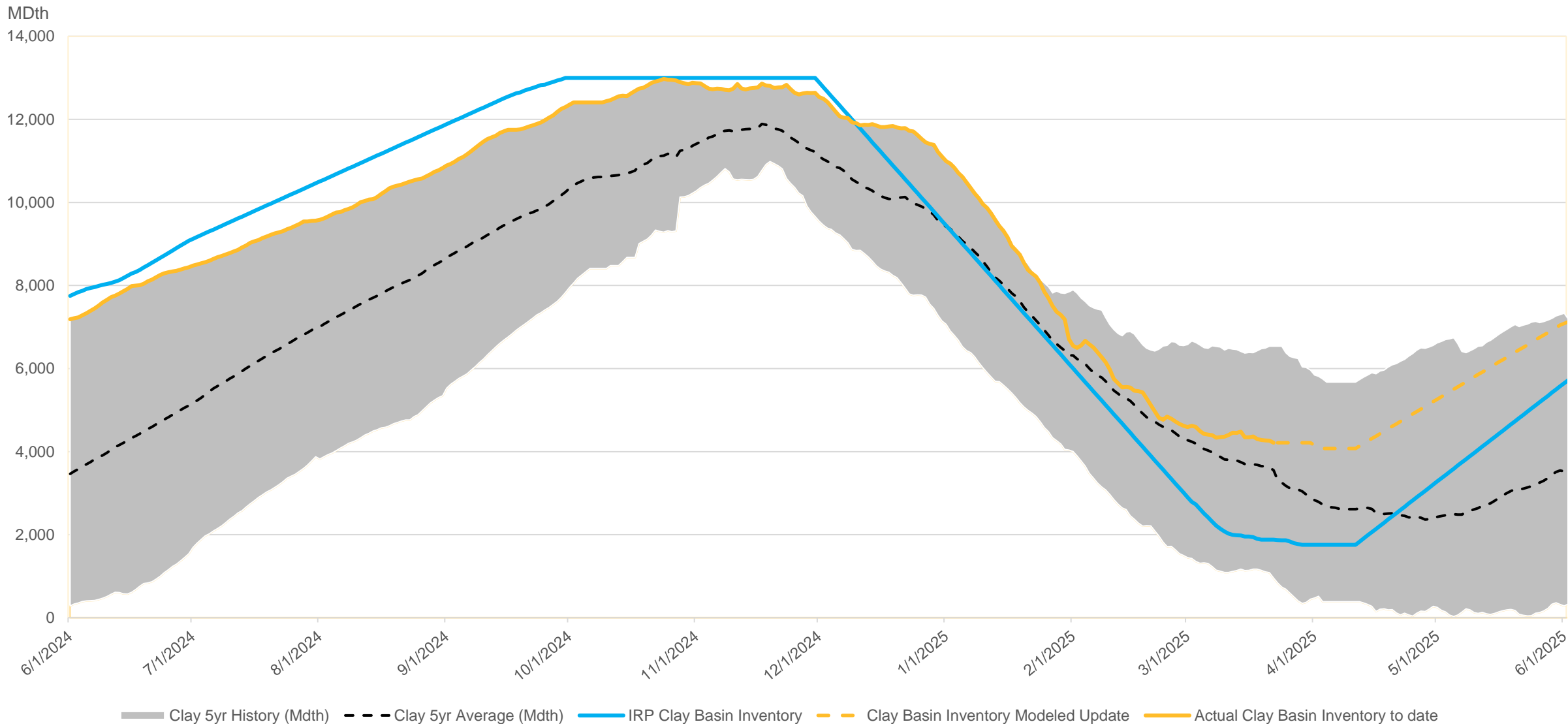
Winter Pricing



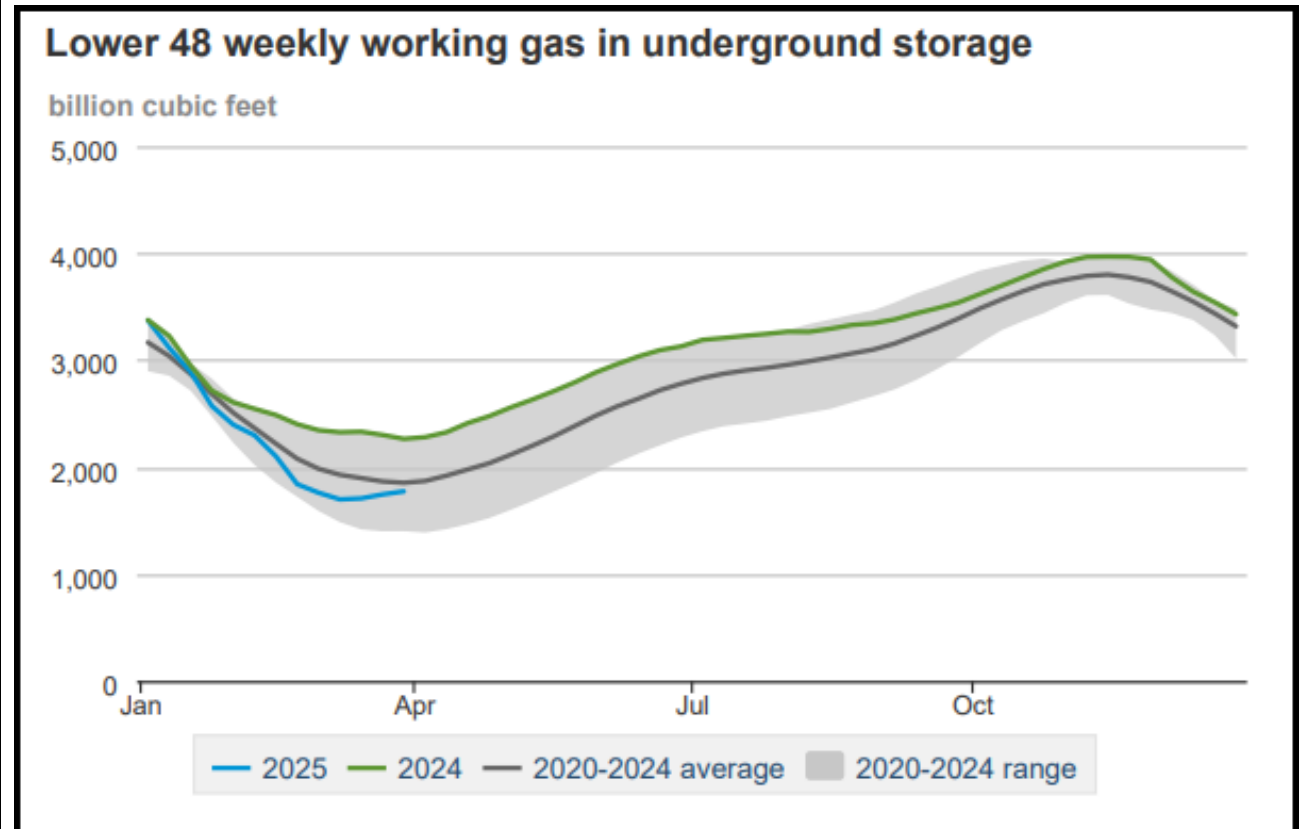
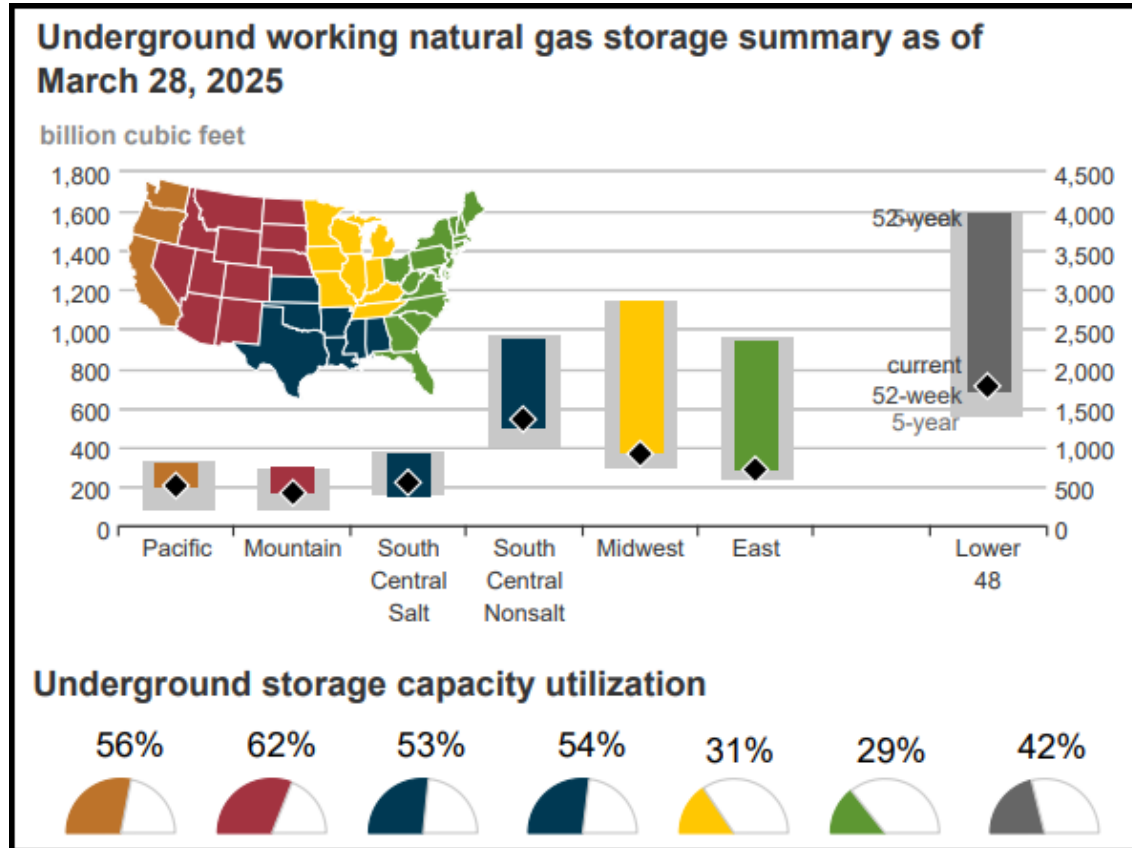
Aquifer Inventory



Clay Basin Inventory



Storage Picture (Mar 28, 2025)

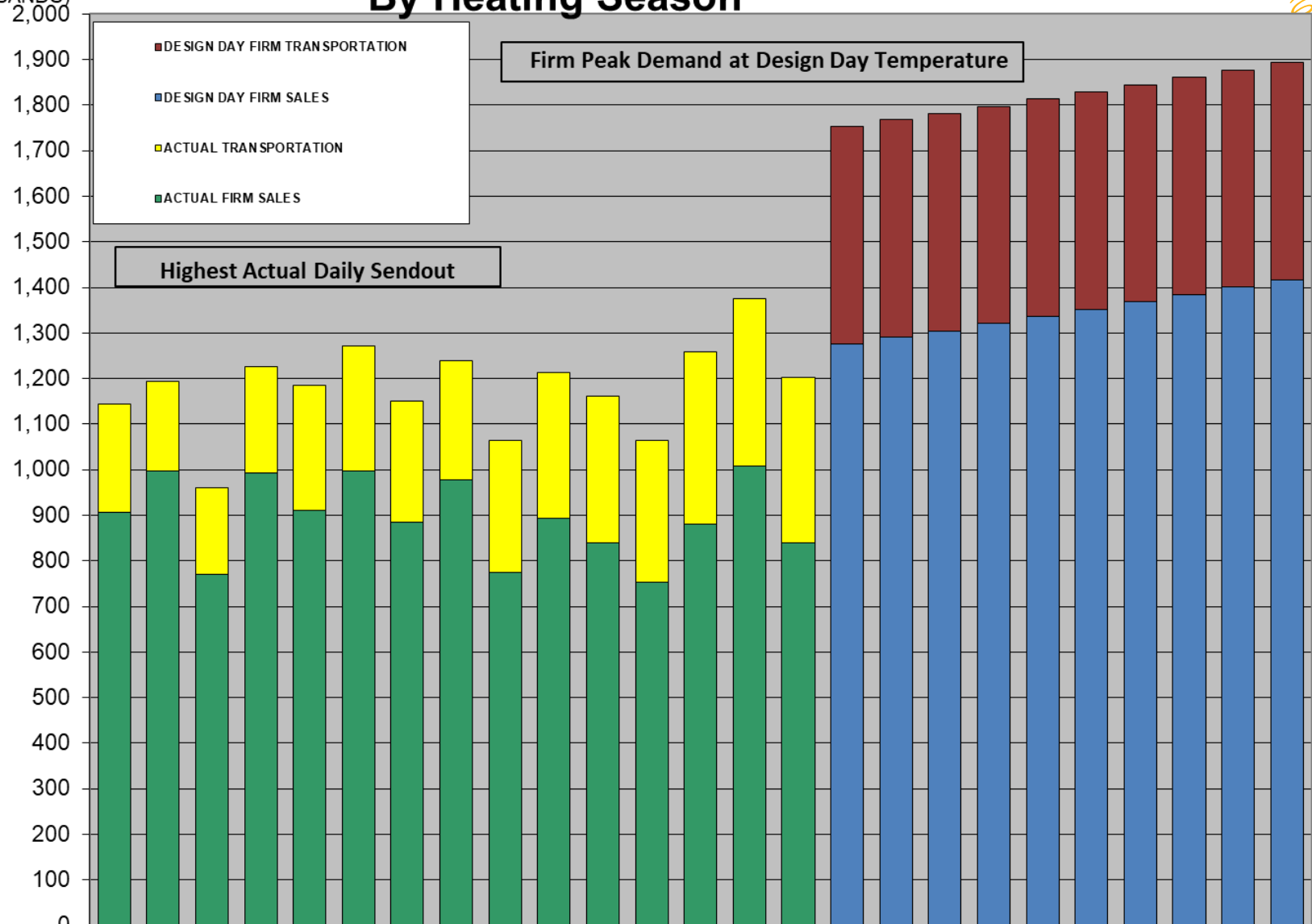


DESIGN PEAK-DAY DEMAND FORECAST

By Heating Season

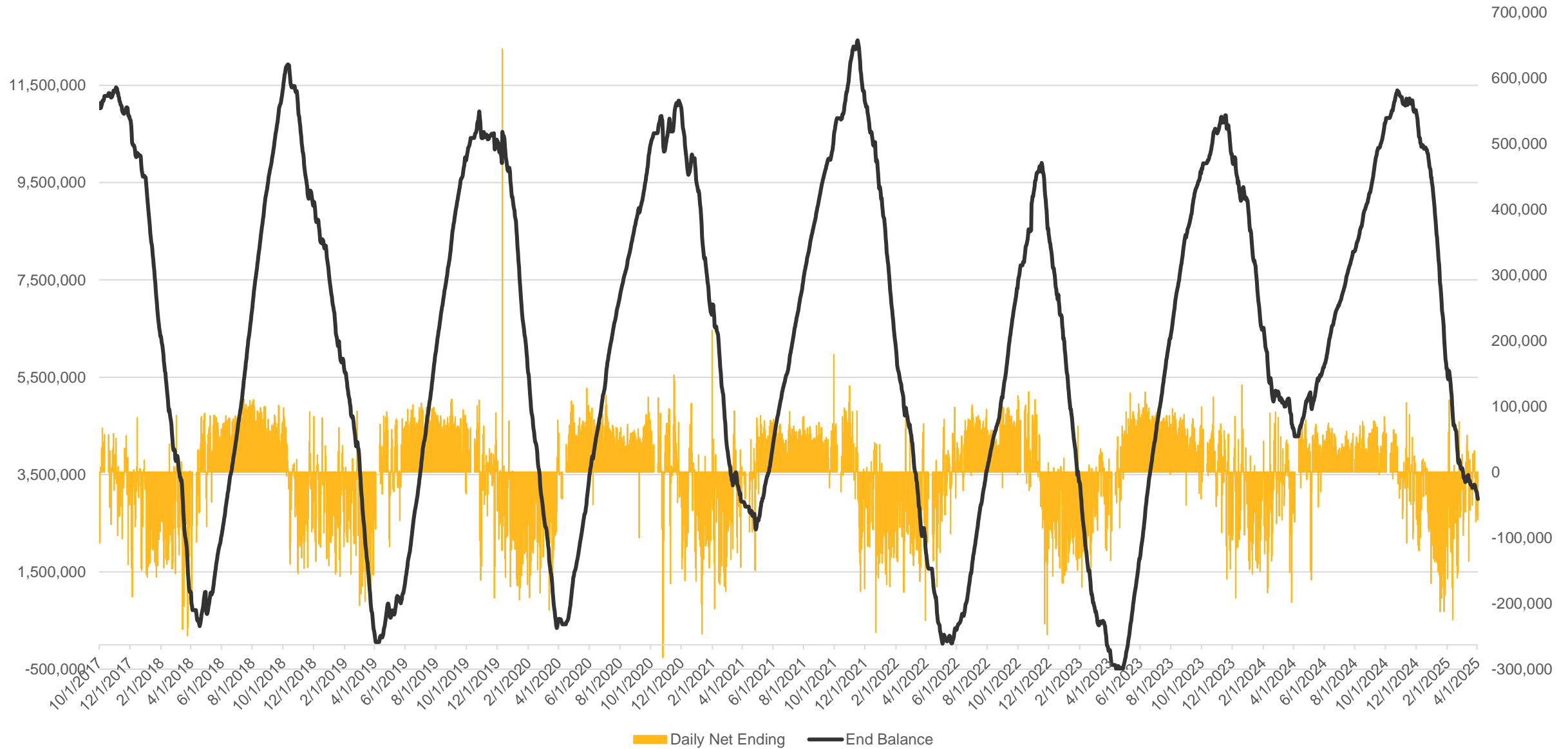


DTH/DAY (THOUSANDS)



	2009/ 10	2010/ 11	2011/ 12	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17	2017/ 18	2018/ 19	2019/ 20	2020/ 21	2021/ 22	2022/ 23	2023/ 24	2024/ 25	2025/ 26	2026/ 27	2027/ 28	2028/ 29	2029/ 30	2030/ 31	2031/ 32	2032/ 33	2033/ 34
DESIGN DAY FIRM TRANSPORTATION																477	477	477	477	477	477	477	477	477	477
DESIGN DAY FIRM SALES																1276	1291	1305	1321	1336	1352	1368	1384	1400	1416
ACTUAL TRANSPORTATION	239	197	189	232	274	276	266	262	290	320	323	311	378	366	364										
ACTUAL FIRM SALES	906	997	771	993	911	996	884	977	775	892	840	752	881	1009	839										

Clay Basin Historical



Heating Season Takeaways

1. Entered heating season with a strong storage position
2. Warmer-than-normal heating season
3. High demand over MLK Day weekend
4. Entering injection season in a good storage position
5. LNG performed as expected

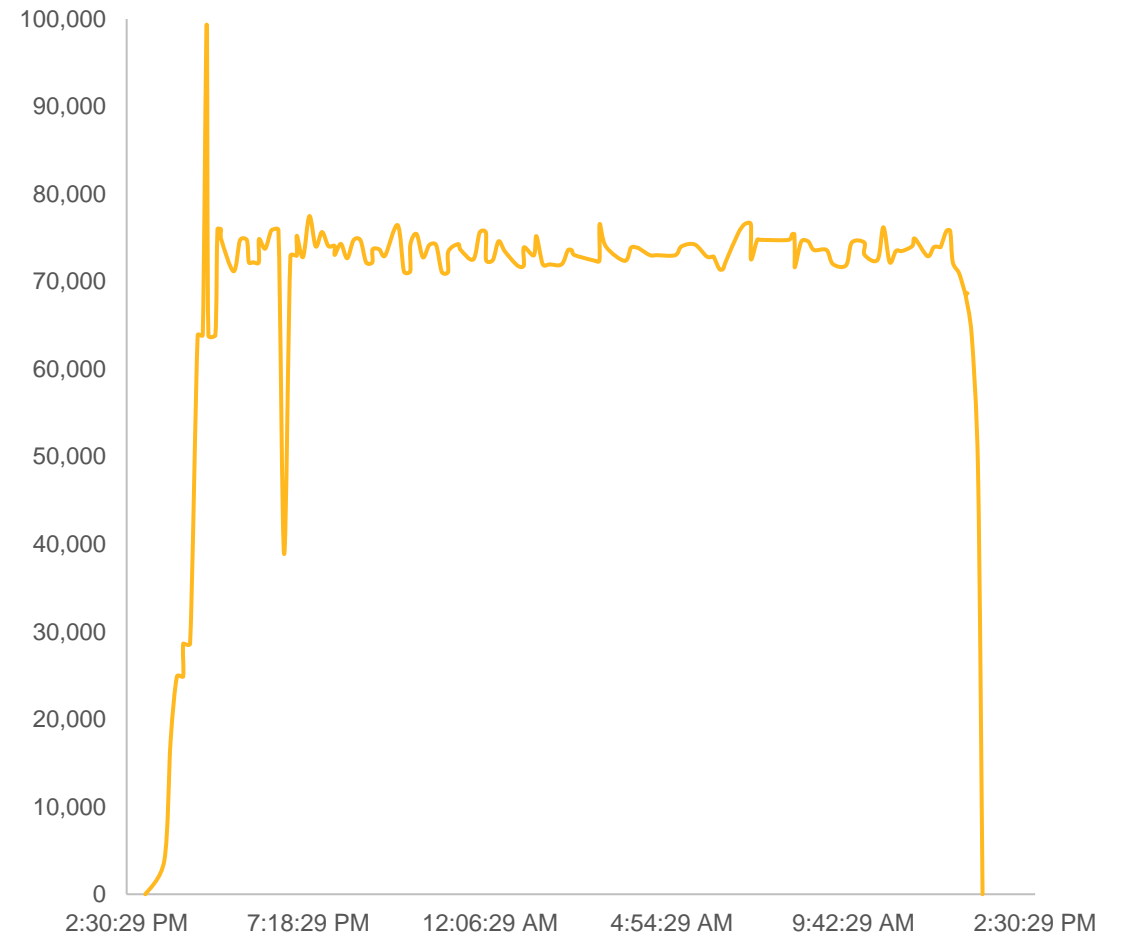
Magna LNG

Dan MacDonald

Operations: Magna LNG Facility

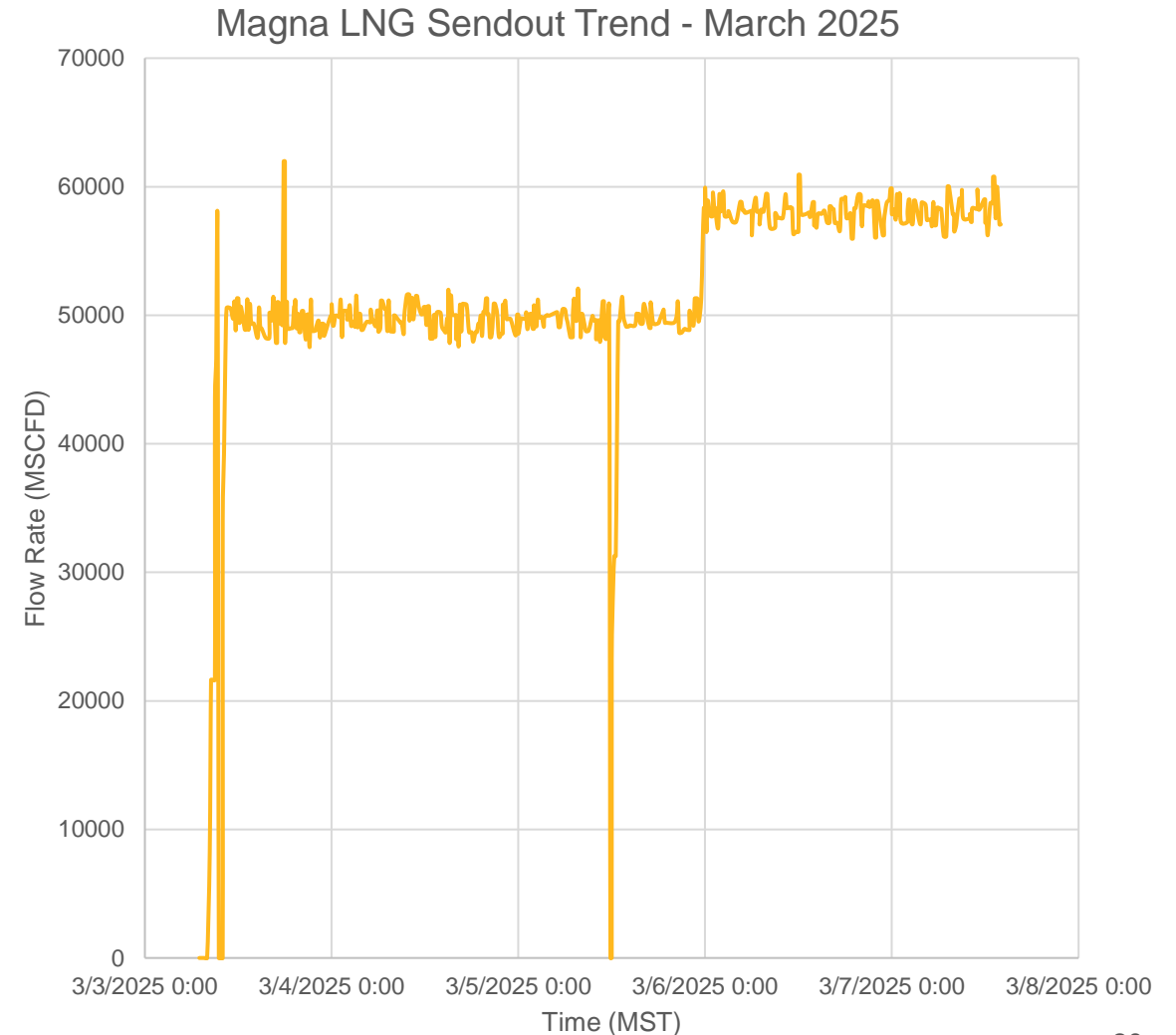
- February 13, 2025 event
- Actual temperatures dramatically colder than forecast
 - Upstream pipeline called for matching demand and supply, but too late in day to buy more supply
 - Called on Magna LNG to provide additional 70,000 Dth of same-day supply to reduce demand on pipeline
 - > Supply was flowing in 15 minutes
 - > Full requested rate was flowing in 1.5 hours
 - Key Accounts group was able to quickly notify customers of their requirement to limit usage to match their scheduled supply

February 13-14 Magna LNG Sendout
MMCF/day



Operations: Magna LNG Facility (Continued)

- March 3-7, 2025
- Peaking contracts expired, provided gas to meet peaks in the absence of contracts
 - > (~50,000 - 60,000 DTh/day)
 - Achieved required annual inventory turnovers
 - Completed long, uninterrupted operation test case
 - Simulated cutover of key plant facilities to redundant backups during plant operating periods



2024 Summary

- Plant intermittently liquefied from April 1 – October 20, 2025
- Injected 10.2 million gallons (822 MMCF) LNG into storage
- Attained peak level of 16,031,646 gallons (100% full) on October 20, 2024
- Withdrew ~466 MMCF (BOG and Vaporization)



2025 Plan

- Liquefaction to resume around April 15
- As of April 4, 2025 tank level is 7,411,000 gallons (43% full)
- Three months needed to fill tank to 100%

IRP Project Detail Discussion

Jason McGee

2025-2026 Distribution Action Plan – HP Projects



Year	Project	Estimated Cost	Revenue Requirement
2025	MZ0003 – Remodel of Monticello Gate Station	\$1,500,000	\$171,750
2025	FL71 AC Mitigation – Approx 4.5 miles	\$ 4,500,000	\$516,856
2025	WA1604 – Replace WA0441	\$1,000,000	\$117,900
2025	FL Extension for WA1604 Across Jordan River	\$3,000,000	\$353,700
2025	Black Desert Station in Ivins	\$1,000,000	\$114,500
2025	AF0014	\$850,000	\$97,325
2025	Central 20-inch Loop (Phase 2) – Approximately 10 miles	\$45,000,000	\$5,152,500
2025	FL36 Reinforcement	\$9,000,000	\$1,033,713
2026	South Bluffdale District Regulator Station	\$750,000	\$88,425
2026	FL Extension for Bluffdale Station	\$6,500,000	\$766,350
2026	SY0002 Syracuse District Regulator Station	\$750,000	\$85,875
2026	FL47 Phase 2 Extension for SY0002 Syracuse District Regulator Station	\$4,000,000	\$458,000

2025-2026 Distribution Action Plan – HP Projects



Year	Project	Estimated Cost	Revenue Requirement
2026	Salem Utah Station	\$850,000	\$97,325
2026	FL Extension for Salem Utah Station – 0.75 Miles 8-inch	\$2,000,000	\$229,000
2026	New Payson UT Station (West of I-15)	\$1,000,000	\$114,500
2026 or 2027	MR0004 – New District Regulator Station	\$1,500,000	\$172,286
2027	South Hurricane District Regulator Station	\$750,000	\$88,425
2027	FL Extension for South Hurricane Station	\$6,500,000	\$766,350
2027	SLC NW Quadrant Station	\$750,000	\$85,875
2027	FL Extension for SLC NW Quad – Approx 1 mile	\$3,000,000	\$343,500
2027	South St. George – River Road District Regulator Station	\$750,000	\$88,425
2027	FL71-5 Extension for South St. George DR Station – River Road	\$4,000,000	\$471,600
2027	TG0005 Saratoga KRGT Gate Station	\$5,000,000	\$589,500
2027	Heber Valley Feederline Expansion FL16 – Phase 1 – Approx. 5 Miles	\$15,000,000	\$1,722,855

2025-2026 Distribution Action Plan – HP Projects



Year	Project	Estimated Cost	Revenue Requirement
2028	Central 20-inch Feeder Line Loop (Phase 3) – Approximately 5 Miles	TBD	TBD
2028	Washington Fields Station	\$1,000,000	\$114,500
2028	FL Ext for Washington Fields – 2,000 LF	\$1,000,000	\$114,500
2028	SL0114 Remodel	TBD	TBD
2028	FL21-10 – 6,800 LF Replacement	\$3,000,000 to \$5,000,000	\$353,700+
2028	Central Gate Station	TBD	TBD
2029	Heber Valley Feederline Expansion FL16 – Phase 2 – Approx. 5 Miles	\$15,000,000+	\$1,722,855
2029	Riverton Gate Station Expansion	TBD	TBD
2029 or 2030	EG0001 – Gate Station Capacity Increase	TBD	TBD

2025-2026 Distribution Action Plan

- Feederline Replacement
 - FLR provides a detailed report in a separate meeting June 2025
- Intermediate-High Pressure Projects
 - Belt Main Replacement Programs
 - Aging Infrastructure Replacement (Not included in the Infrastructure Rate Adjustment Tracker)

Hydrogen

Alyssa Wahlin

ThermH₂ Program

- Phase 1:
 - Salt Lake Training Academy
 - Confirm industry research and gain operational experience with 5% hydrogen blends.
 - Testing during 2021
- Phase 2:
 - Delta, Utah
 - Gain understanding on effects of hydrogen blends up to 5% on a system and gain experience operating an electrolyzer.
 - Testing during 2023-2024



ThermH₂, Phase II

- Gained experience with an electrolyzer
- Testing Completed
 - Homogenous Blend
 - Leak Survey
 - Appliance Safety
- All tests confirmed hydrogen blends up to 5% are safe within the IHP distribution system.



Rural Expansion Update

Austin Summers

Customer Participation



- Residents are reacting positively from the service of Enbridge in creating the most cost-effective installation of meters and risers

	Services Signed Up	Services Installed	Meters Installed
Eureka	326	326	251
Goshen/Elberta	341	333	301
Green River	344	320	190
Genola	357	230	120
Portage	Working with Mayor on communication and getting bids from contractors		

Spending Caps

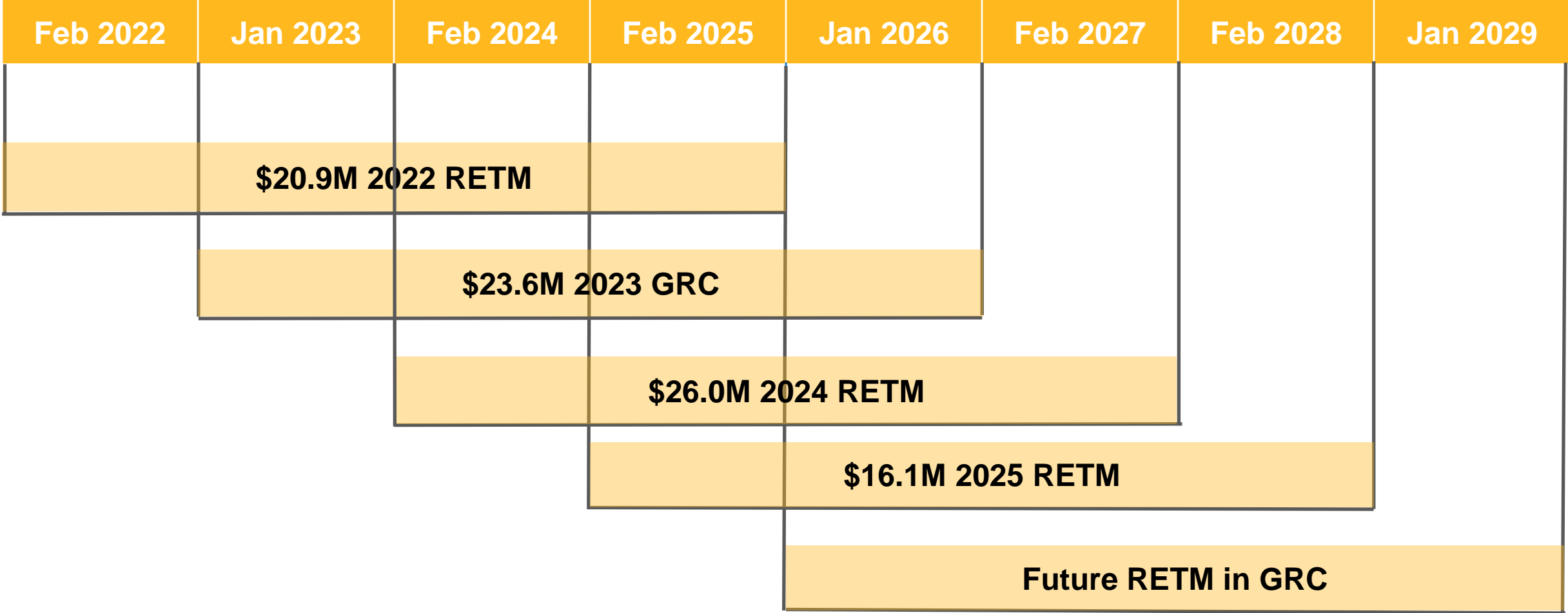


- DNG revenue from most recent general rate case = \$481,158,558
- 2% of DNG = \$9,623,171
- 5% of DNG = \$24,057,928
- Used tracker model to add investment

Total Net Investment
Less: Amount currently in rates
Replacement Infrastructure in Tracker
Less: Accumulated Depreciation
Accumulated Deferred Income Tax
Net Rate Base
Current Commission-Allowed Pre-Tax Rate of Return
Allowed Pre-Tax Return (Line 6 x Line 7)
Plus: Net Depreciation Expense
Net Taxes Other Than Income (1.2% x Line 6)
Total Revenue Requirement

	2% cap	5% cap
Mains Revenue Requirement	\$88,659,061	\$221,647,658
	\$0	\$0
	\$88,659,061	\$221,647,658
	(\$1,140,747)	(\$2,851,867)
	(5,613,024)	(14,032,560)
	\$81,905,291	\$204,763,232
	8.46%	8.46%
	\$6,929,188	\$17,322,969
	\$1,711,120	\$4,277,800
	\$982,863	\$2,457,159
	\$9,623,171	\$24,057,928

Three Year Spending Cap



Current Potential Expansion Projects List



Communities under current evaluation	Estimated Population	Gas Supply Type
South Rim	1700	High Pressure
Fairfield	161	High Pressure
Rush Valley	467	High Pressure
Miller	270	High Pressure
Lawrence	175	Intermediate High Pressure
Emery	288	High Pressure
Jensen	412	Intermediate High Pressure
Manilla	324	High Pressure
Howell	237	High Pressure
Sutherland	165	High Pressure
Laketown/Garden City	838	High Pressure

Moving Forward Through 2025



Activity	Timeframe
Community Interest Communications	2 nd Quarter 2025
Community outreach	2 nd Quarter 2025
Regulator approval request submittal	3 rd Quarter 2025
Project design, materials acquisition & construction	2026



System Integrity

Richard Kiser

Integrity Management

- Probabilistic Risk Model Development
 - Expected implementation 2026
- Targeted Accelerated Leak Survey
- PIPES Act 2020
 - Section 113 of the Pipes Act was sent to the Federal Register on January 17, 2025, and was waiting publication when an executive order was signed holding all pending regulations for further review. Future timing and/or changes to this rule and other sections of the Pipes Act are unknown.
 - Gas Pipeline Leak Detection
 - Strengthen leak survey and patrolling requirements
 - Standards for advanced leak detection programs
 - Leak grading and repair criteria
 - Class Location
 - Updates to requirements for pipelines when the class location changes to a higher class.
 - Safety of Gas Distribution Pipelines
 - Update distribution integrity management programs (DIMP), emergency response plans, operations and maintenance manuals, and other safety practices.

COST (\$THOUSANDS)	2025	2026	2027
Transmission Integrity Management Program	\$11,689	\$10,499	\$9,876
Distribution Integrity Management Program	\$2,769	\$2,685	\$3,035
Total Integrity Management	\$14,458	\$13,184	\$12,908

Integrity Management

Year	Transmission Miles Assessed	HCA Miles Assessed	Anomalies Repaired
2012	34.430	26.470	28
2013	93.391	50.367	27
2014	80.049	54.555	20
2015	15.903	11.040	2
2016	62.575	37.226	4
2017	49.555	12.935	8
2018	76.327	30.212	9
2019	111.383	25.571	3
2020*	188.832	54.624	8
2021	118.389	11.066	11
2022*	55.35	4.512	4
2023	81.11	8.803	17
2024	131.193	38.45	30

*FL026, scheduled for ILI in 2022, was assessed early, in 2020, due to a leak identified that year.

Q&A
