

2023-2024 IRP Technical Conference
May 2, 2023



**Dominion
Energy[®]**

2023 IRP Schedule

Jan 24, 2023 – 10:00 AM to Noon

- Review IRP Standards and Guidelines
- Review 2022 PSC Order regarding IRP
- Pricing Update

April 25, 2023– 10:00 AM to Noon

- Heating Season Review
- Gas Supply Hedging
- Transportation and Storage Planning
- LNG Operations Update

Jul 11, 2023 – 10:30 AM to Noon

- Final Presentation

April 4, 2023 – 10AM to Noon

CONFIDENTIAL MEETING

- Wexpro Matters (Confidential)
- System Integrity
- Rural Expansion Update

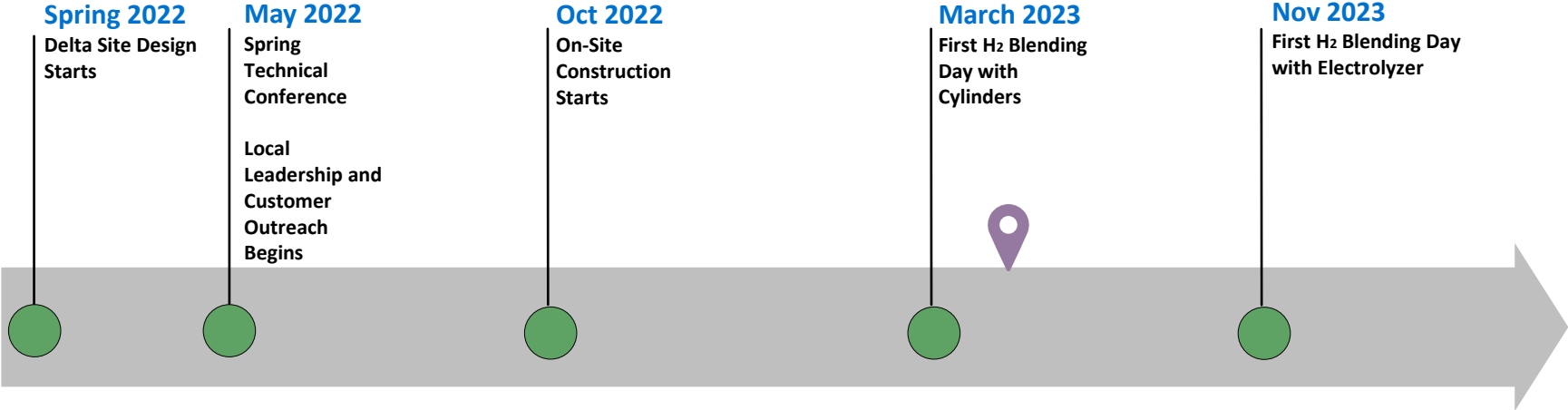
May 2, 2023 – 1:30 PM to 3:30 PM

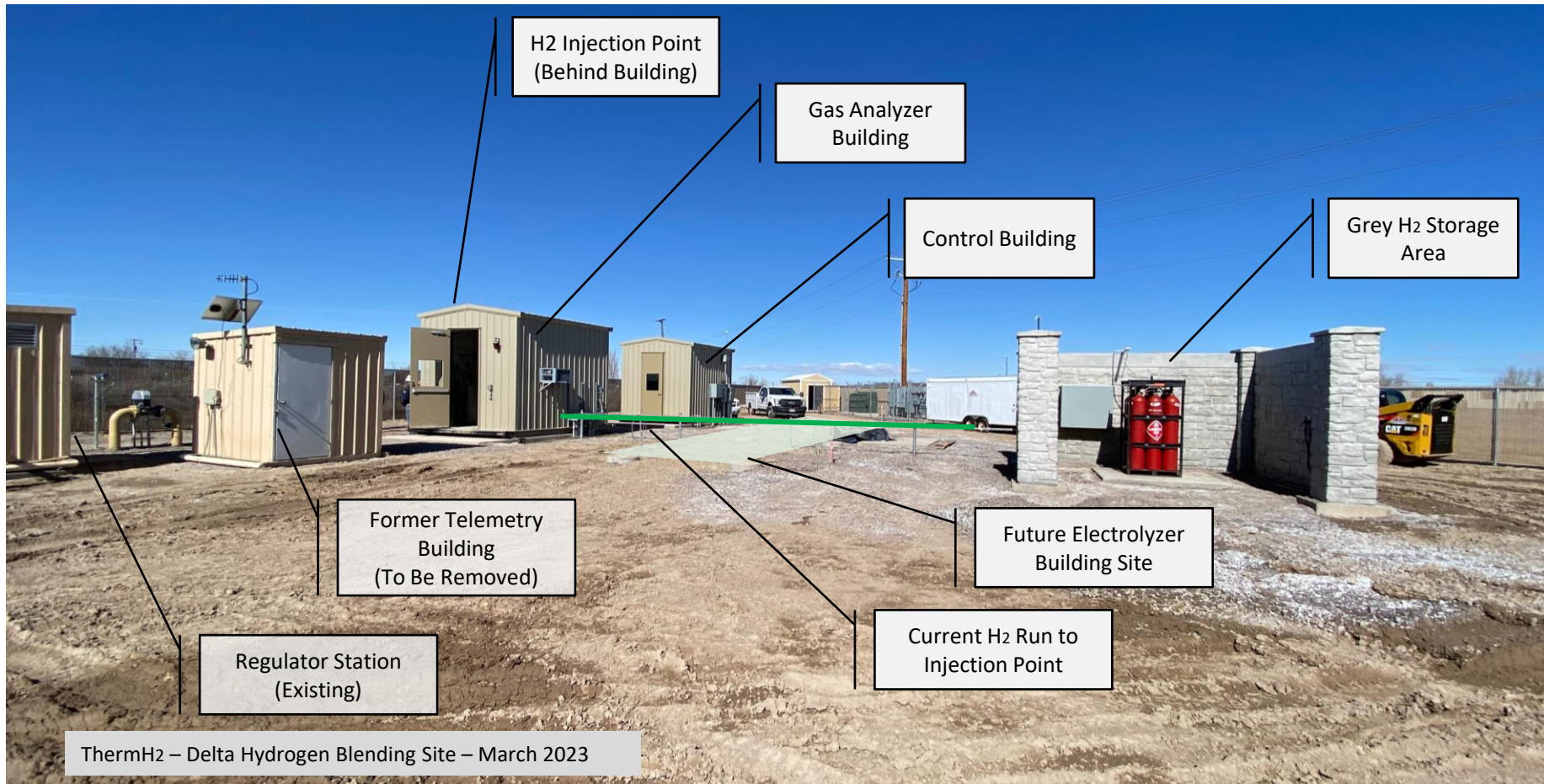
- RFP Review (Confidential)
- Sustainability Update
- Long-Term Planning
- IRP Project Detail Discussion

Sustainability Update

Alyssa Wahlin

ThermH₂, Phase II





ThermH2 – Delta Hydrogen Blending Site – March 2023

Long Term Planning

Adam Del Toro

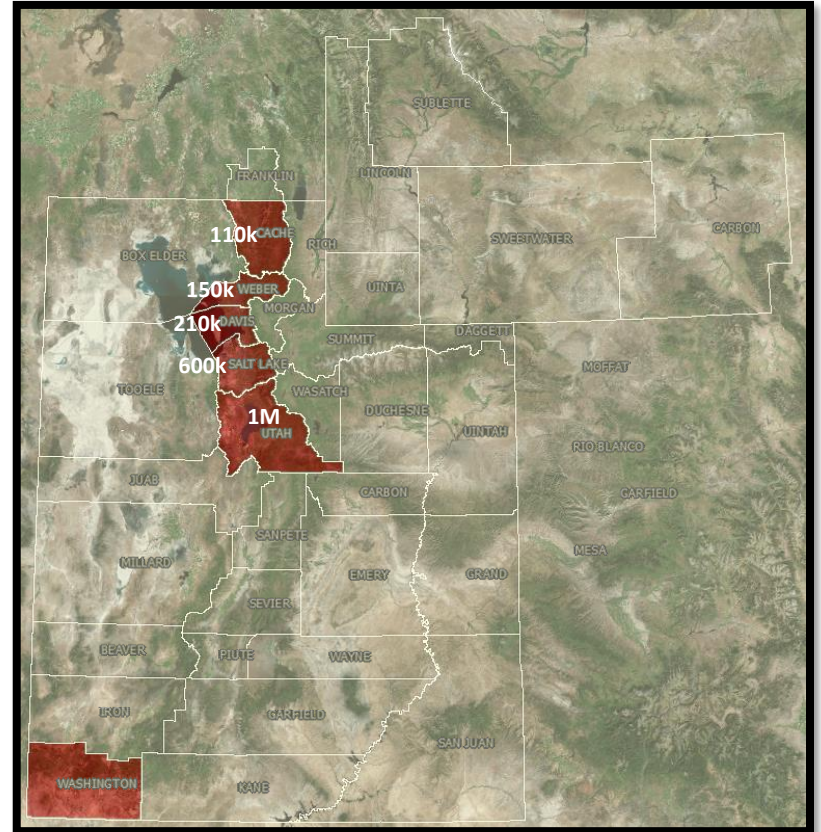
Long Term Planning – Historical Growth

	2019	2020	2021	2022	2023
Peak Day Growth	3.0%	2.5%	1.7%	1.7%	1.1%
Customer Growth	2.6%	2.3%	2.5%	2.6%	2.5%

- Average yearly growth (over past 5 years):
 - 1.6% for Peak Day Demand
 - 2.5% for Customer Count

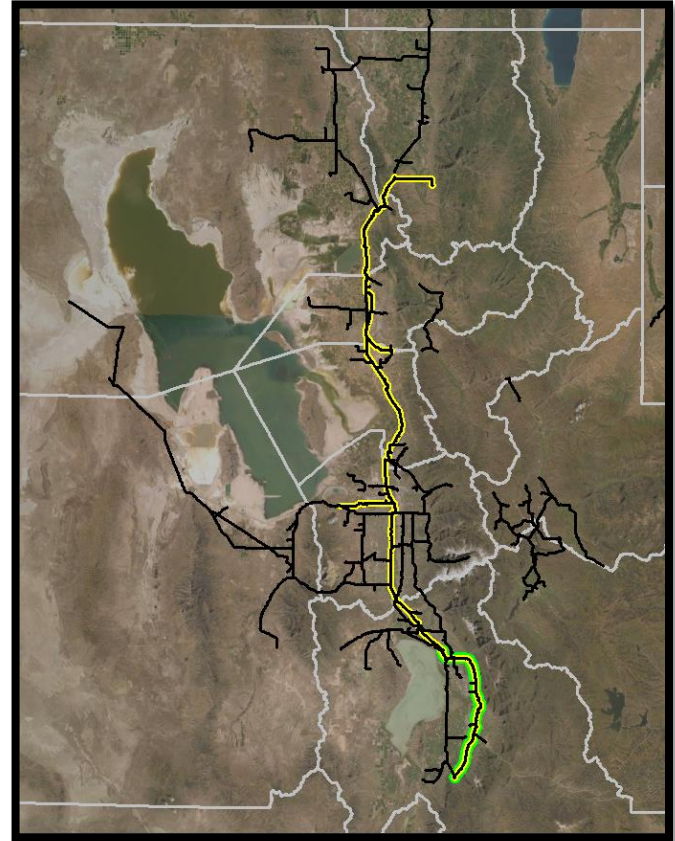
Projected Population Growth

- Kem C. Gardner Policy Institute population change
- Top 6 counties with 50-year absolute population increases shown



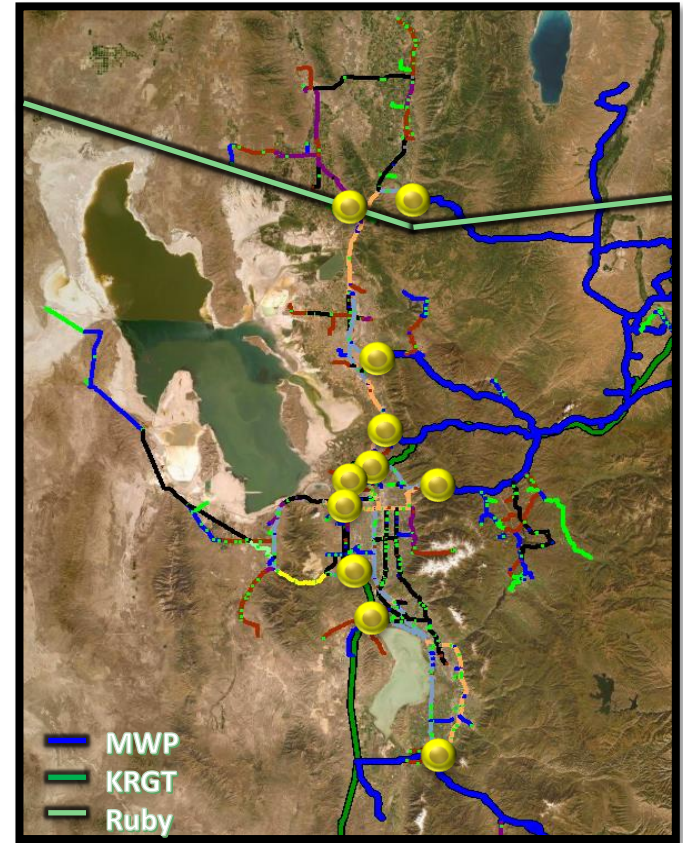
720 psig Corridor

- Demand growth will drive projects and require reinforcements
- Aging infrastructure will be replaced which still comprises a significant portion of the system
- The 720 psig corridor will continue to extend from Payson to Hyrum



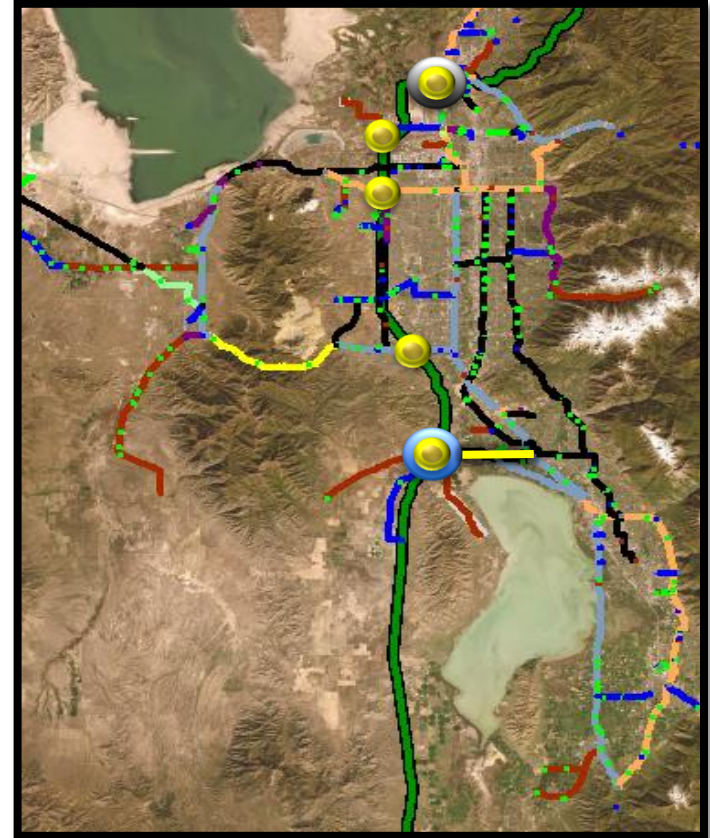
Future Transportation Capacity

- In the long-term, the Company will require increased upstream pipeline capacity to the Wasatch Front
- The Company is considering constructing a new Ruby Pipeline gate station near Brigham City



Saratoga Tap to Central System

- The Company is considering increasing the size of FL85, that runs from the Saratoga KRGT gate station to the Central HP system, to increase supply
- Doing so will increase the takeaway capacity downstream of the KRGT gate station at Saratoga Springs and will increase flows to the Central HP system



Modular LNG and RNG Sites

- The Company could consider constructing modular LNG sites throughout its system as part of the long-term plan
- The Company is also considering constructing RNG sites as possible supply resources that would both provide renewable natural gas on the Company's system and could address system concerns as well.

IRP Project Detail Discussion

Kurtis Fredericks

2023-2024 Distribution Action Plan

- High Pressure Projects 2023-2024

Year	Project	Estimated Cost	Revenue Requirement
2023	WA1602 FL13 East HP Station, District Regulator Station, and ILI Facilities, Salt Lake City, UT (720 Corridor)	\$2,800,000	\$322,000
	WA1596 – Replace WA0866 with High Capacity District Regulator Station for South Salt Lake City, UT	\$1,500,000	\$172,500
	WA1617 – New Regulator Station in Grantsville on Sheep Lane	\$750,000	\$86,250
	FL147 – 1 Mile of 8-inch for New Regulator Station on Sheep Lane	\$2,000,000	\$230,000
	WA1609 – Replacement of WA0045 North Temple and I-215 (720 Corridor)	\$3,000,000	\$345,000
	AC Mitigation 2.6 Miles on FL36	\$1,700,000	\$195,500
2024	SY0002 Syracuse District Regulator Station	\$750,000	\$86,250
	FL47 – Phase 2 Extension to SY0002	\$4,000,000	\$460,000
	MZ0003 – Remodel of Monticello Gate Station	TBD	TBD
	Eagle Mountain District Regulator Station, near 4000 N and Hwy 73	\$750,000	\$86,250
	FL85 Extension for Eagle Mountain District Regulator Station	TBD	TBD

2023-2024 Distribution Action Plan

- High Pressure Projects 2025-2028

Year	Project	Estimated Cost	Revenue Requirement
2025	South Bluffdale District Regulator Station	\$750,000	\$86,250
	FL Extension for Bluffdale Station	\$6,500,000	\$747,500
	South St. George – River Road District Regulator Station	\$750,000	\$86,250
	FL71-5 Extension for South St. George – River Road	\$4,000,000	\$460,000
	Central 20-inch Loop (Phase 2) – Approximately 10 Miles – Veyo to Diamond Valley	\$45,000,000	\$5,715,000
	WA1604 – Replace WA0441	\$1,000,000	\$115,000
2026	FL Extension for WA1604 Across Jordan River	\$3,000,000	\$345,000
	South Hurricane District Regulator Station	\$750,000	\$86,250
	FL Extension for South Hurricane Station	\$6,500,000	\$747,500
	Rockport Gate Station	TBD	TBD
	SLO114 Remodel	TBD	TBD
	FL21-10 – 6,800 LF Replacement	\$3,000,000 to \$5,000,000	\$345,000 to \$575,000
2028	TG0005 Saratoga KRGT Gate Station	\$5,000,000+	\$575,000+
	Central 20-inch Feeder Line Loop (Phase 3) – Approx 5 Miles – Diamond Valley to Bluff St	TBD	TBD

2023-2024 Distribution Action Plan

- Feederline Replacement
 - FLR provides a detailed report in a separate meeting June 2023.
- Plant Projects: On-System LNG
 - An update was supplied in a separate meeting on April 25, 2023.
- Intermediate-High Pressure Projects
 - Belt Main Replacement Program – detailed report in a separate meeting June 2023.
 - Aging Infrastructure Replacement (Not included in the Infrastructure Rate Adjustment Tracker)

Intelis Gas Meter

Mike Gill



Intelis™ Gas Meter

Advantages

- Much Lighter (4.5 lbs vs. 14 lbs)
- Reduced size allows smaller meter bank footprint on multifamily uses
- Fewer supply chain issues than current meter
- Remote shut-off capability
- High flow alarm
- High temperature alarm
- Reverse flow detection
- Air detection alarm

Considerations

- Manual reset needed if shut off remotely
- Awaiting ANSI approval
- Still verifying low pressure/low flow accuracy rates
- \$217 vs. \$150 (current meter price)
- \$30,000 annually for upgraded reading software



BEGIN CONFIDENTIAL

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Gas Supply RFP - CONFIDENTIAL

Steve Wall

REDACTED

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