

2022-2023 IRP Technical Conference
June 28, 2022



**Dominion
Energy[®]**

2022 IRP Schedule

February 17, 2022 – Technical Conference

- Review IRP Standards and Guidelines
- Review 2021 PSC Order regarding IRP
- LNG Project Update
- DEQP Sale Update and Contract Discussion

April 19, 2022 – Technical Conference

CONFIDENTIAL MEETING

- Heating Season Review
- Gas Supply Hedging
- Wexpro Matters (Confidential)
- RFP Review (Confidential)

May 17, 2022 – Technical Conference

- Rural Expansion Update
- IRP Project Detail Discussion
- Long-Term Planning
- Sustainability Update
- System Integrity

June 28, 2022 – Technical Conference

- Presentation and Review of 2022-2023 IRP

Industry Overview

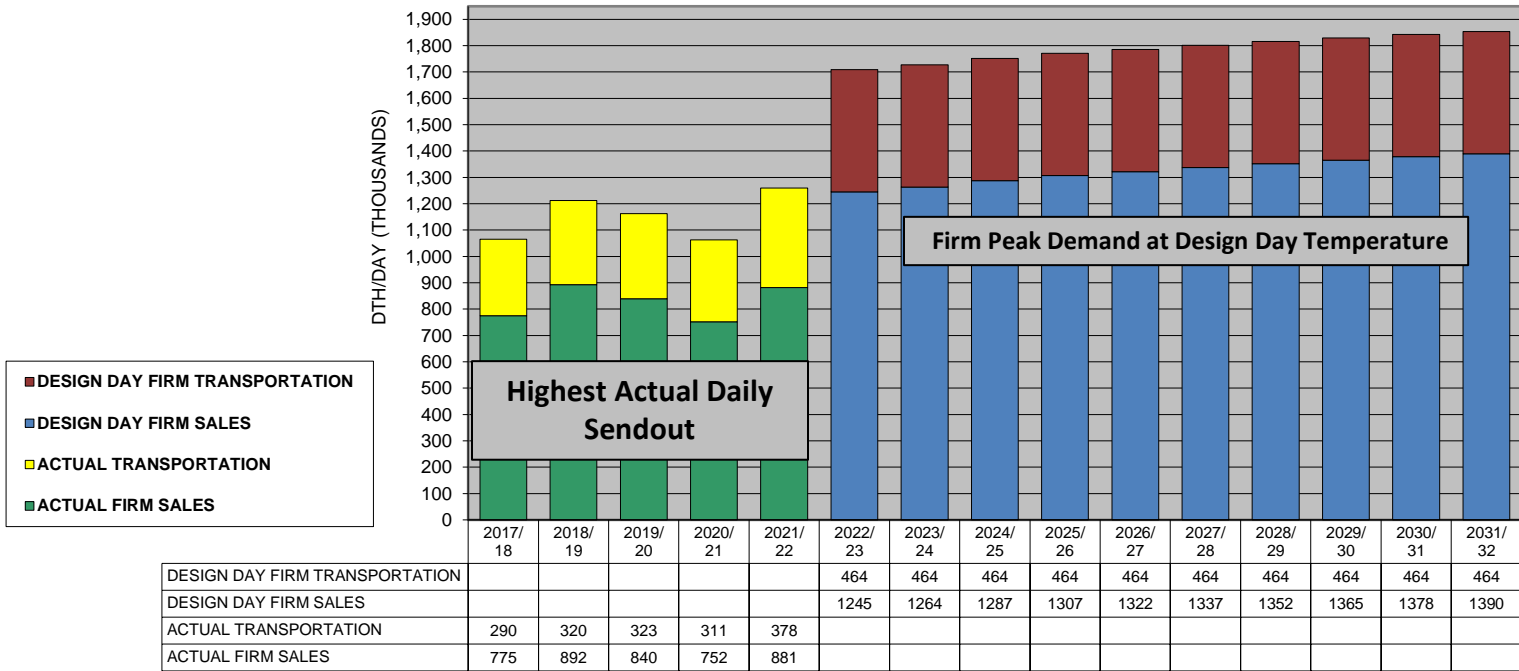


- Regulatory Updates
- Discussion of Industry Trends
 - Pricing
 - Production
 - Storage
 - LNG Exports
 - Sustainability
- Review of UT/WY IRP Process

Customer and Gas Demand Forecast

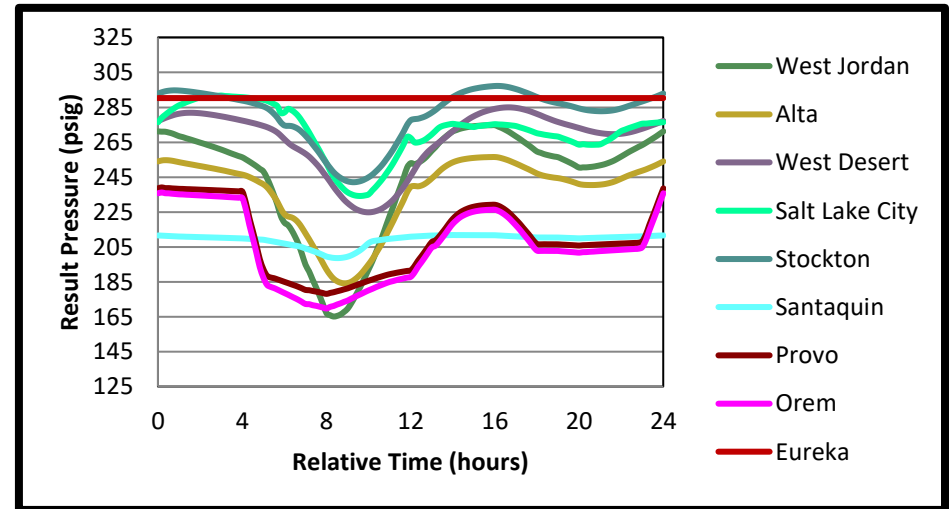


- 2022-2023 Design-day firm sales demand = 1.25 MMDth



System Capabilities and Constraints

- Distribution system meets current design-day needs
 - Feeder line systems have adequate capacity to meet average-daily and peak-hourly demands
 - Supply contracts are adequate
- Projects have been identified to address constraints and concerns
 - FL135, Central 20-inch Loop
 - FL85 Extension to Eagle Mountain
 - Lindon (RE0027) HP Regulator Station
 - Rockport Gate Station
 - FL13 East and West HP Stations
 - Saratoga (TG0005) Gate Station
- Long-term Planning
 - Peak Day growth vs customer growth
 - Long-term supply



Distribution Action Plan

High Pressure Projects

Year	Project	Estimated Cost	Revenue Requirement
2022	LE0021 District Regulator Station for American Fork and Lehi	\$750,000	\$88,425
	Central 20-inch Feeder Line Loop (Phase 1)	\$32,813,000	\$3,868,653
	SY0002 Syracuse District Regulator Station	\$500,000	\$58,950
	FL47 Extension for SY0002 Syracuse District Regulator Station	\$5,500,000	\$648,450
	WA1605 - FL13 West HP Station and ILI Facilities, Magna, UT	\$900,000	\$106,110
	WA1602 FL13 East HP Station, District Regulator Station, and ILI Facilities, Salt Lake City, UT	\$2,800,000	\$330,120
2023	WA1596 – Replace WA0866 with High- Capacity District Regulator Station for South Salt Lake City, UT	\$1,500,000	\$176,850
	South St. George – River Road District Regulator Station	\$750,000	\$88,425
	FL71-5 Extension for South St. George DR Station – River Road	\$4,000,000	\$471,600
	TG0005 Saratoga KRG T Gate Station	\$2,000,000 to \$5,000,000	\$235,800 to \$589,500
	Eagle Mountain District Regulator Station, near 4000 N and Hwy 73	\$750,000	\$88,425
2024	FL85 Extension for Eagle Mountain District Regulator Station	\$3,000,000	\$353,700
	South Bluffdale District Regulator Station	\$750,000	\$88,425
	FL Extension for Bluffdale Station	\$6,500,000	\$766,350
	South Hurricane District Regulator Station	\$750,000	\$88,425
	FL Extension for South Hurricane Station	\$6,500,000	\$766,350
2025	Rockport Gate Station	TBD	TBD
	Central 20-inch Loop (Phase 2)	TBD	TBD
	SL0114 Remodel	TBD	TBD
	WA1604 – Replace WA0441	\$1,000,000	\$117,900
	FL Extension for WA1604 Across Jordan River	\$3,000,000 to \$4,000,000	\$353,700 to \$471,600
2028	FL21-10 – 6,800 LF Replacement	\$3,000,000 to \$5,000,000	\$353,700+
TBD	Central 20-inch Feeder Line Loop (Phase 3)	TBD	TBD
TBD	RE0027 - Lindon HP Station Capacity Upgrade	TBD	TBD

Distribution Action Plan

- Plant Projects
 - On-System LNG
 - Belt Main Replacement Program
 - Aging Infrastructure Replacement (Not included in the Infrastructure Rate Adjustment Tracker)
- Mountain West Pipeline Transition
- Intermediate-High Pressure Projects
- Rural Expansion
 - Eureka
 - Goshen/Elberta
 - Green River

Integrity Management

	2022	2023	2024
	Cost (\$ Thousands)		
Transmission Integrity Management Program	\$6,639	\$7,266	\$7,478
Distribution Integrity Management Program	\$2,189	\$1,843	\$1,408
Total Integrity Management	\$8,828	\$9,109	\$8,886

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

Environmental Review

- DEU is committed to compliance with environmental laws and regulations
- Conservation efforts will continue to have a positive environmental impact
 - Estimated savings of more than 950,000 Dth of natural gas in 2021
 - Equivalent of about 50,000 metric tons of CO₂e or nearly 11,000 passenger vehicles each driven for one year (calculated using EPA's GHG equivalencies calculator)
 - Lifetime savings attributable to the ThermWise® program totals more than 545,000 tons of CO₂e
 - Equivalent of about 117,000 passenger vehicles each driven for one year

Purchased Gas

- Balanced portfolio of gas purchases of approximately 66.6 MMDth
- Work continues on potential hedging increases
- Historical heating season pricing:

Month	2020-2021	2021-2022	Difference
Nov	\$3.03	\$6.34	\$3.31
Dec	\$2.94	\$5.78	\$2.84
Jan	\$3.23	\$7.87	\$4.64
Feb	\$2.75	\$5.04	\$2.29
Mar	\$3.04	\$4.38	\$1.34
Average	\$3.00	\$5.88	\$2.88

Cost-of-Service Gas

- Level of Production
 - 54.35 MMDth (45% of forecasted demand)
 - Cost-of-service production continuing to decline but drilling will be increasing
- Drilling Plans
 - For calendar year 2021, Wexpro plans on completing to production 19 net wells
 - Focus will be on the Trail, Canyon Creek, and Whiskey Canyon fields
 - 2023 through 2027, the total planned net wells 16, 16, 14, and 23 respectively

Gathering, Transportation, and Storage

- Transportation Capacity
 - Contracted capacity is adequate to meet design-day demands
 - Contract extension negotiated for Contract #2945 with MWP through March 31, 2027
- No-Notice Transportation
 - Provides for reservations of transportation capacity for daily adjustments
 - Contract extension negotiated for Contract #987 with MWP through June 30, 2027
- Firm Peaking Services
 - Firm Peaking Services offered by both KRGT and DEQP have been the most cost-effective and reliable solution to meet peak-hour demand
 - Contracts are in place for each heating season through February 2024
- Storage Contracts
 - Contract extension negotiated for Contract #9878 with MWP through April 30, 2027

Supply Reliability

- LNG Facility Update
 - Construction started July 2020
 - Ground improvements completed in August 2021
 - All buildings completed in March 2022
 - LNG tank hydrotested in April 2022
 - Facility is near completion
 - Company expects to begin filling the LNG in Fall 2022
- DEUWI continues to evaluate options for supply reliability

Sustainability

- Updates provided on Dominion Energy corporate initiatives
 - Expanded net zero commitment to include:
 - Scope 1 – Direct Emissions
 - Scope 2 – Indirect emissions from electricity
 - Scope 3 – Indirect emissions from upstream/downstream sources not owned/controlled by Dominion Energy
- Updates provided on DEUWI sustainability initiatives
 - Methane reduction initiatives
 - Wexpro sustainability initiatives
 - Responsibly sourced natural gas (RSG)
 - GreenTherm[®] Voluntary Renewable natural gas (RNG)
 - CarbonRight[™] program
 - Hydrogen initiatives
 - Sustainability legislations
 - Community programs

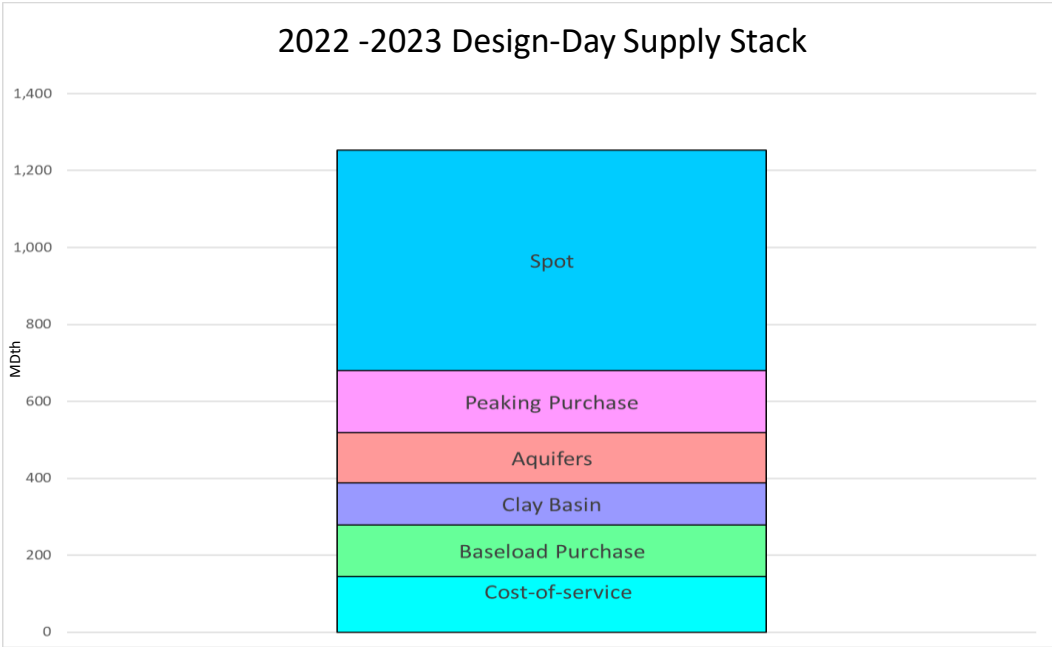
Energy Efficiency Programs

- Provided results of 2021 programs
- Provided expectations for 2022 programs

2022 IRP Forward Curve	Total Resource Cost		Participant Test		Utility Cost Test		Ratepayer Impact Measure Test	
	NPV	B/C	NPV	B/C	NPV	B/C	NPV	B/C
ThermWise® Appliance Rebate	\$5.60	1.93	\$24.64	4.86	\$5.43	1.88	-\$1.93	0.86
ThermWise® Builder Rebates	\$10.67	1.78	\$43.20	3.64	\$14.89	2.57	\$0.35	1.01
ThermWise® Business Rebates	\$2.01	1.36	\$12.80	3.52	\$4.17	2.24	-\$0.56	0.93
ThermWise® Weatherization Rebates	\$1.68	1.18	\$17.64	2.86	\$3.10	1.39	-\$3.27	0.77
ThermWise® Home Energy Plan	\$0.52	2.04	\$2.29	60.55	\$0.52	2.01	-\$0.12	0.90
Low Income Efficiency Program	\$0.57	1.73	\$2.47	8.91	\$0.59	1.79	-\$0.25	0.84
Energy Comparison Report	\$1.02	2.88	\$2.13	5.24	\$1.02	2.88	\$0.27	1.21
Market Transformation Initiative	-\$1.32	0.00	\$0.00	0.00	-\$1.32	0.00	-\$1.32	0.00
Totals	\$20.76	1.55	\$105.17	3.76	\$28.41	1.94	-\$6.83	0.90

Final Model Results

- Plan includes adequate supplies to meet design-day demand



Questions?