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SNG Pipeline Operations Review

Reese Hart
Manager, SNG Gas Control
SNG Firm Shippers Meeting
Pensacola Beach, FL ▪ October 17-19, 2023

Agenda

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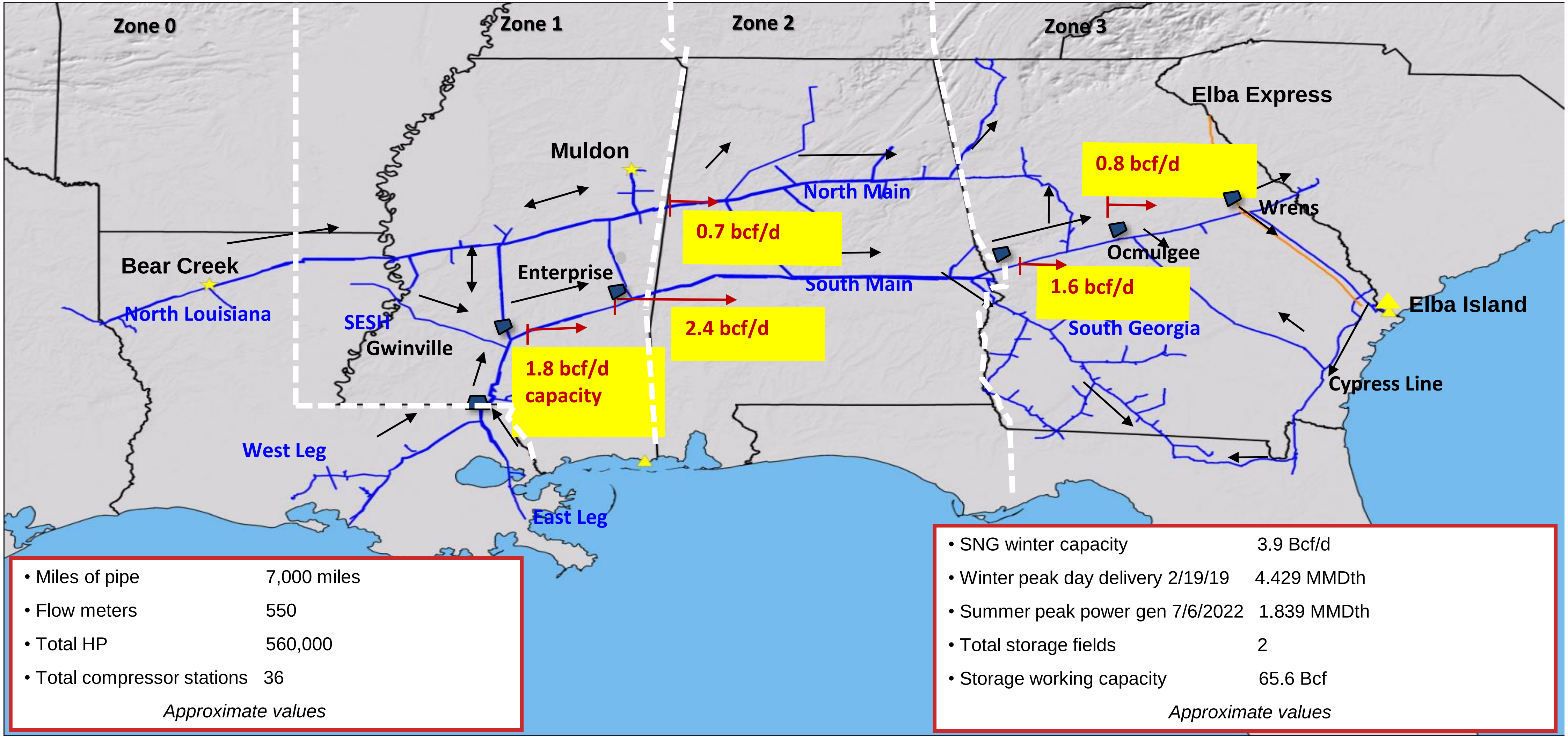
- System Overview
- Quick 2022 Operations and Transportation summary
- Summer Review 2023 Operations and Transportation
- Winter Review 2022-23 Operations and Transportation
- Winter Storm Elliot Operational issues
- Maintenance Update
- Getting Ready for Winter 2022-2023

SNG System Overview



- Miles of pipe 7,000 miles
- Flow meters 550
- Total HP 560,000
- Total compressor stations 36

Approximate values

- SNG winter capacity 3.9 Bcf/d
- Winter peak day delivery 2/19/19 4.429 MMDth
- Summer peak power gen 7/6/2022 1.839 MMDth
- Total storage fields 2
- Storage working capacity 65.6 Bcf

Approximate values

2022 Transportation Summary

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- 2022 Transport Summary
  - Power Generation markets were up 17% from 2021
    - New power generation record on 07/06/22 - 1.839 MMDth
  - Higher gas prices
    - Driven primarily by events overseas, political environment, coal shortages, long haul more prevalent.
  - Total System Deliveries averaged 3,094 MDth/d
    - Up 8.4% over 2021
  - Storage totals were lower and filling slowly
  - South Main Line Rupture and delivery challenges during very high demand

CSS Storage Inventory

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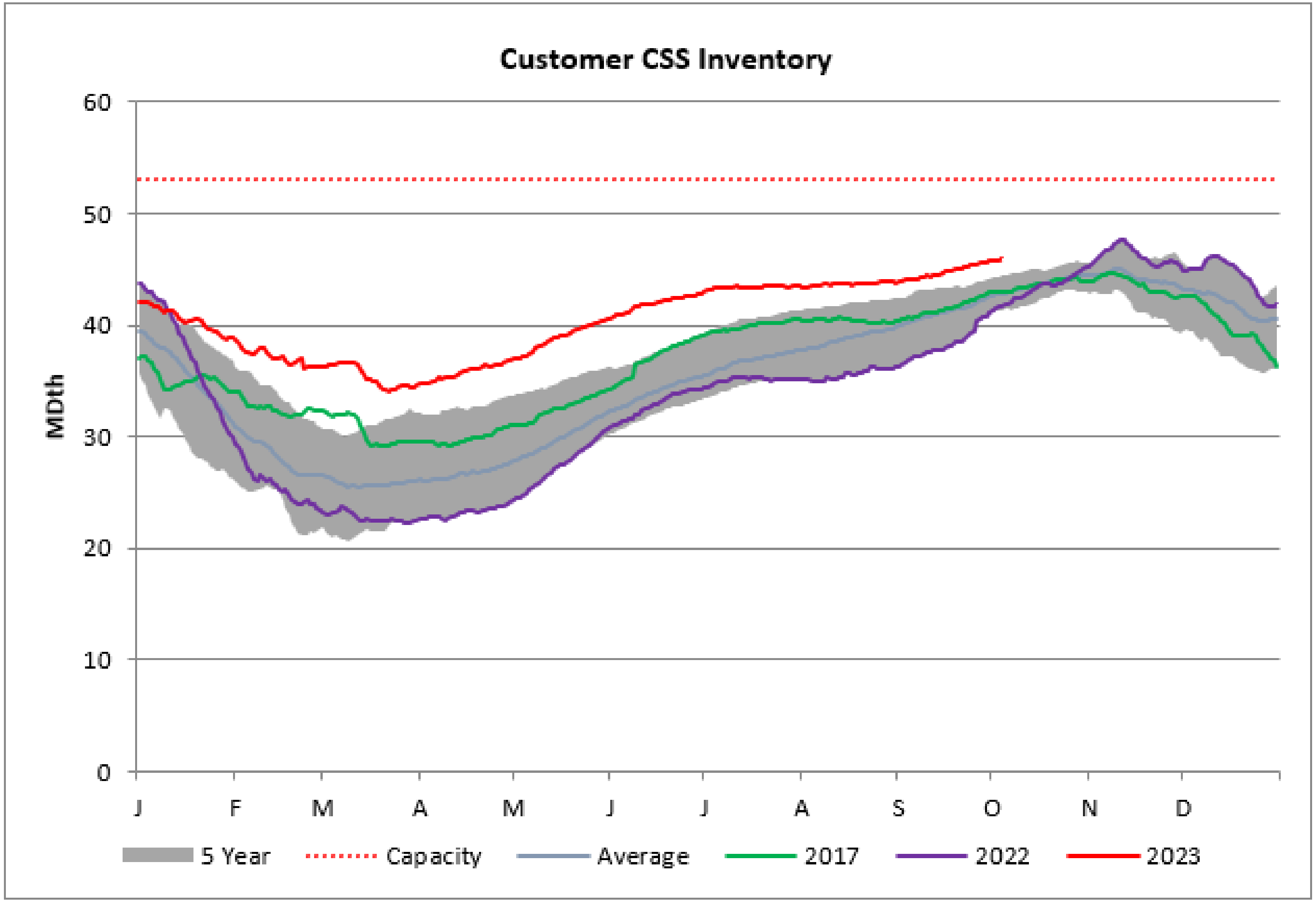

Average Daily Deliveries

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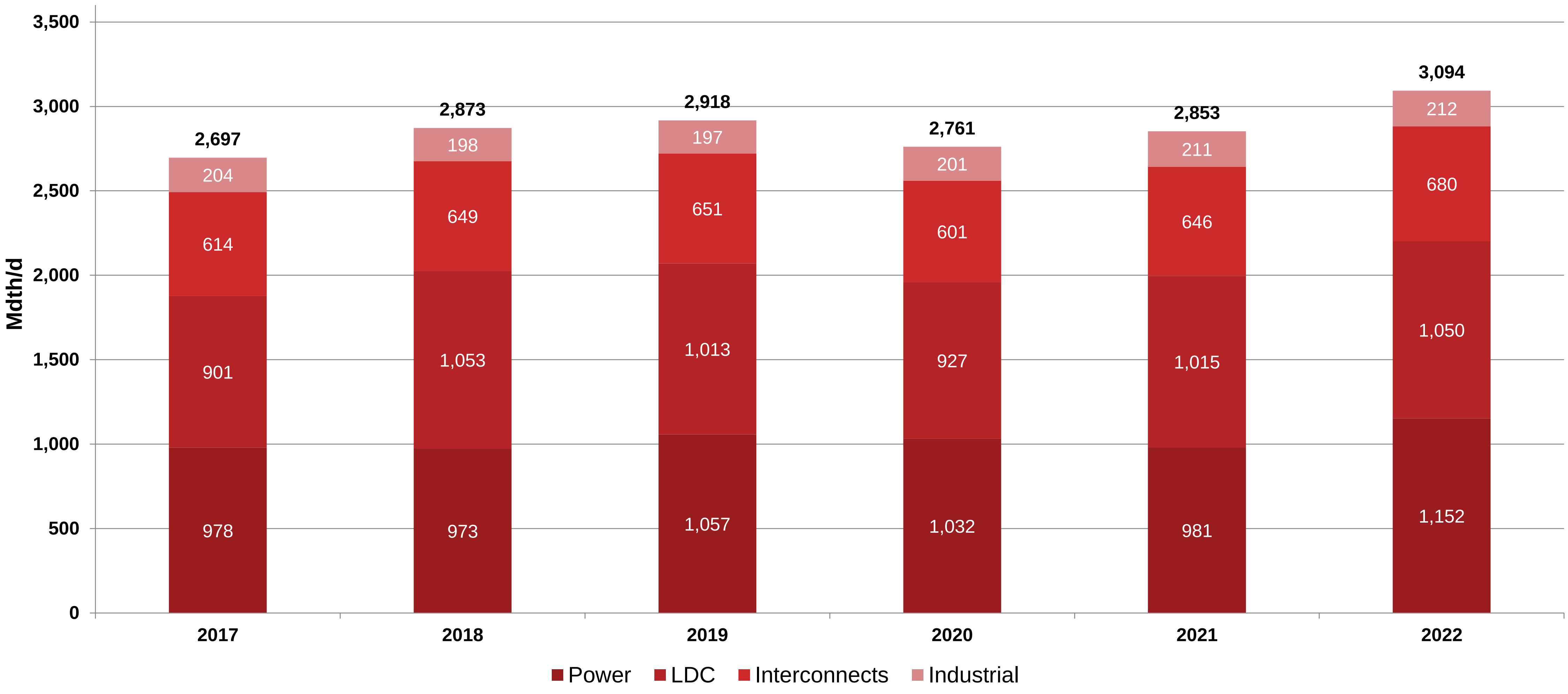

Year on Year Deliveries Aug YTD

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	2022 YTD August	2021 YTD August	% Change
LDC	1,050	1,015	+3.4%
Power	1,152	981	+17.4%
Industrial	212	211	+0.5%
Interconnects	680	646	+5.3%
TOTAL	3,094	2,853	+8.4%

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Summer 2023

2023 Summer Overview

- SNG's facility performance was good during hot weather.
  - Compressor stations were staffed as needed during maintenance projects.

- Mulberry Creek Rupture (downstream of Selma CS) 7/15/2023
- Excellent field response. Back in service quickly.

- Elmore Compressor Station outage 7/8 – 8/11

- 2023 Summer vs 2022 Summer
  - 2022 had higher temperatures and a longer duration .
  - 2022 Summer ranks 11th warmest out of the past 30 years.
  - 2023 had milder temperatures until late summer heat wave.

- Storage levels are higher and filling. Storage facilities are performing well. Very full.

- Higher number of maintenance activities to work around

2023 Summer Throughput

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- Total System Deliveries averaged 3,000 MDth/d
  - 236 MDth/d decrease over 2022 summer
- Peak power generation days for 2023
  - 08/23/23 1,686 MDth
  - 08/14/23 1,682 MDth
  - 07/27/23 1,674 MDth
- SNG set one power demand record this summer
  - 1 out of top 20 days
- Power Generation decrease
  - Slightly cooler summer
  - Alternate fuel supplies availability higher than 2022

Summer Cooling Degree Days (CDDs) 2019 - 2023

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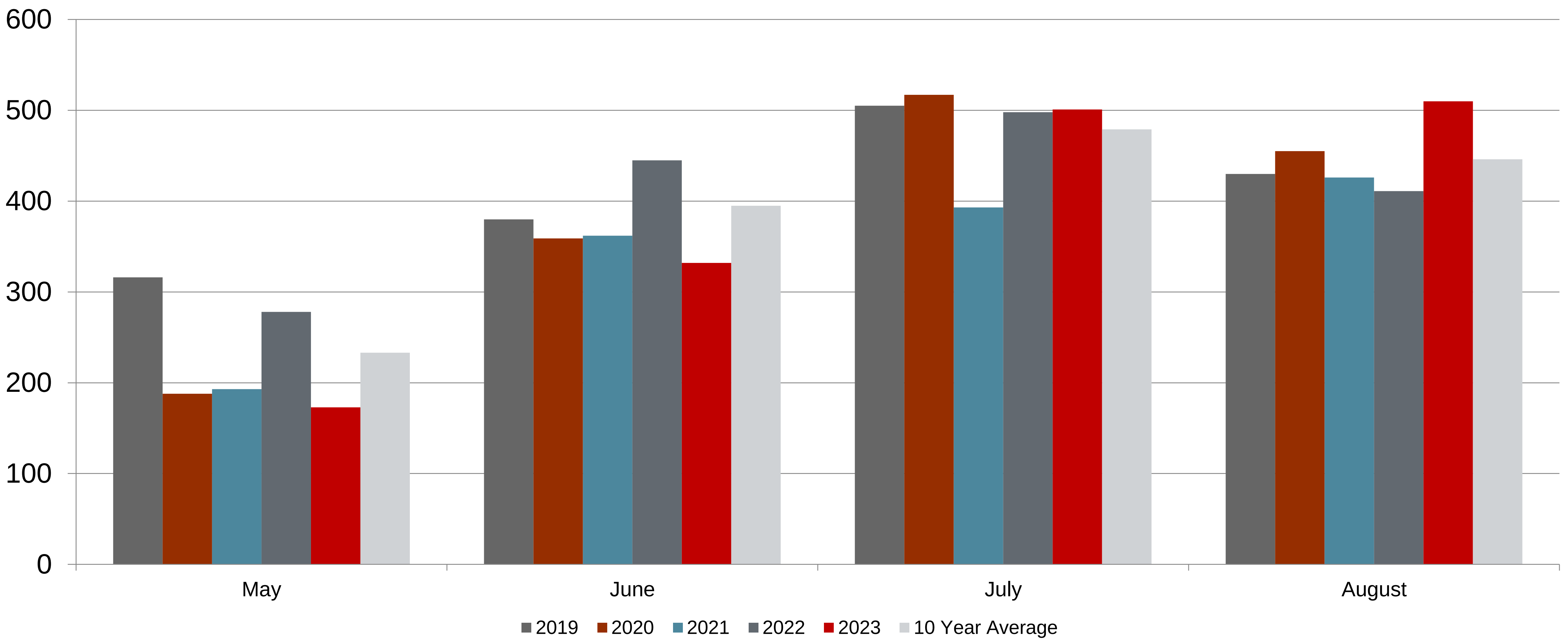

Average Daily Deliveries

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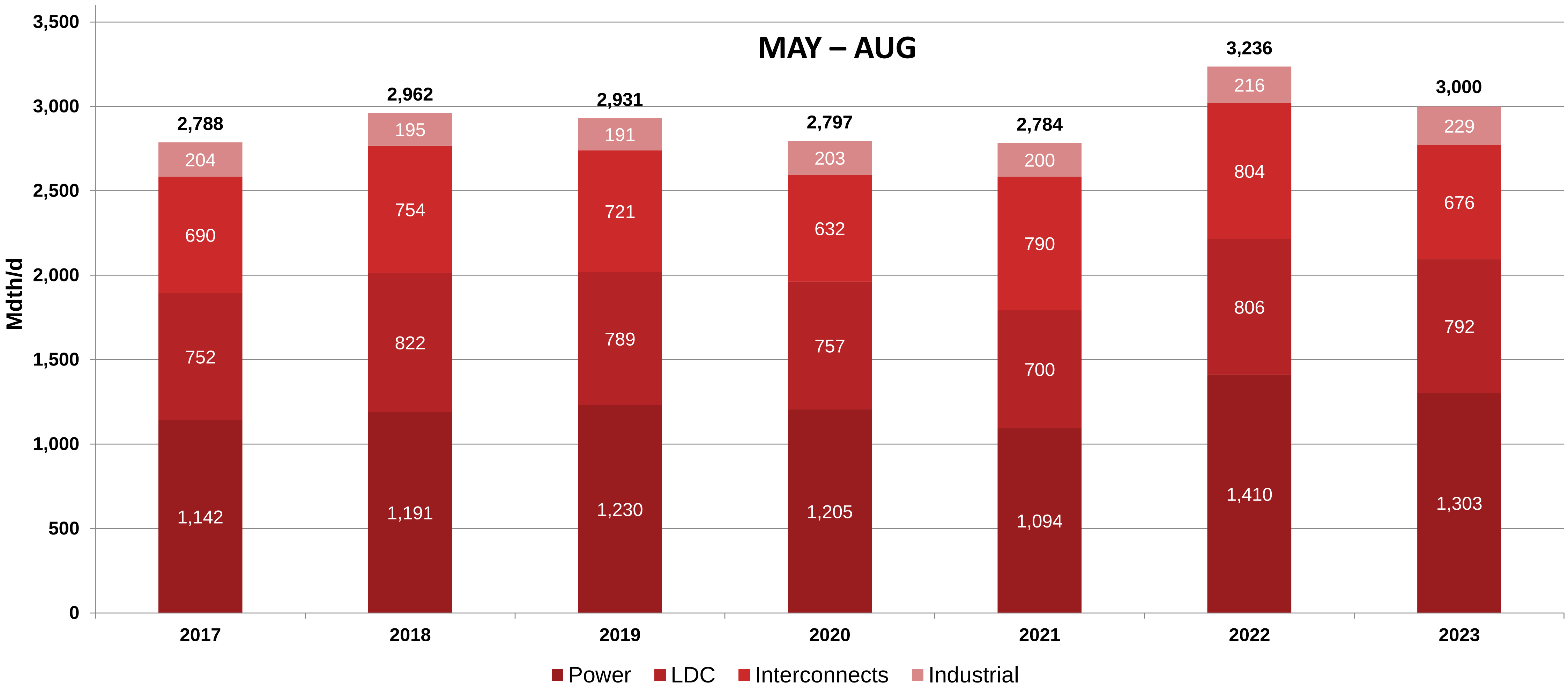

Summer Year on Year Throughput

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	2023 May - Aug	2022 May - Aug	% Change
LDC	792	804	-1.5%
Power	1,303	1,410	-7.6%
Industrial	229	216	+6.0%
Interconnects	676	806	-16.1%
TOTAL	3,000	3,236	-7.3%

Summer Average Daily LDC Demand

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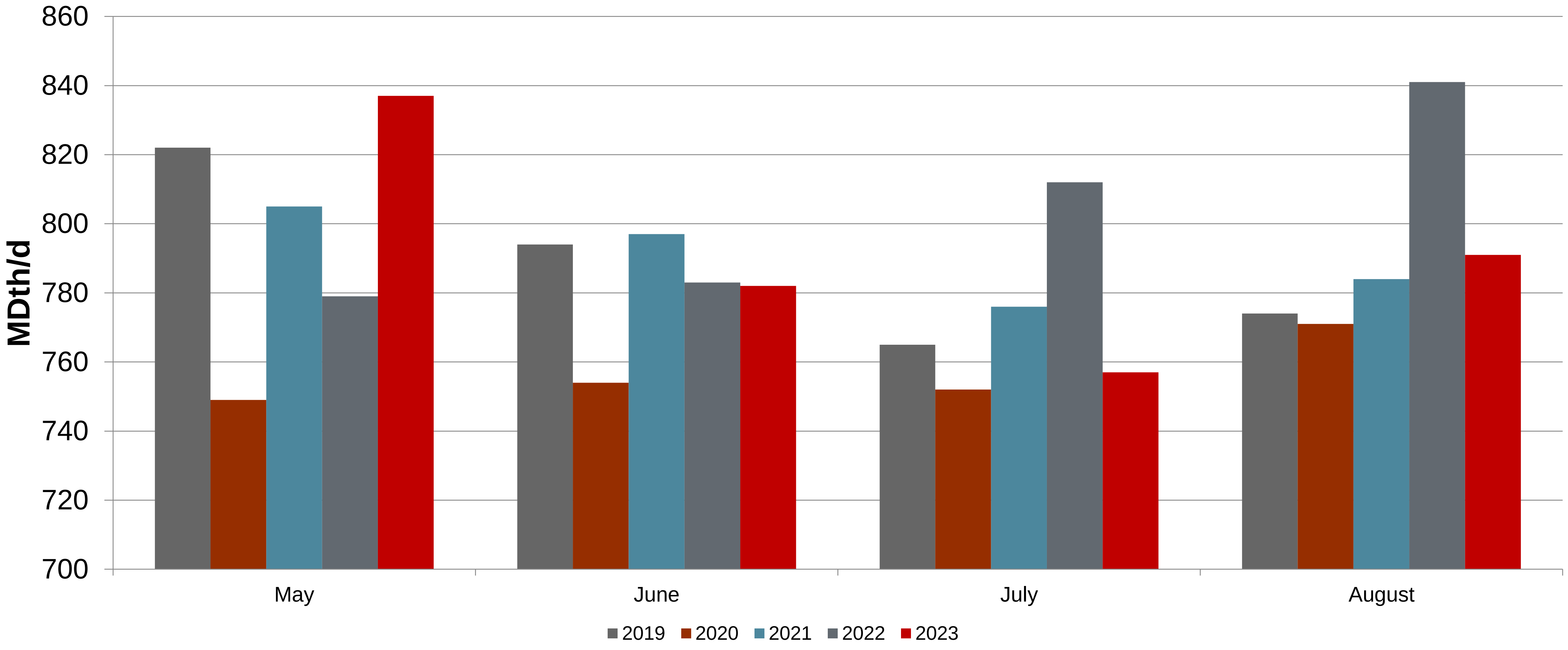

Summer Average Daily Power Demand

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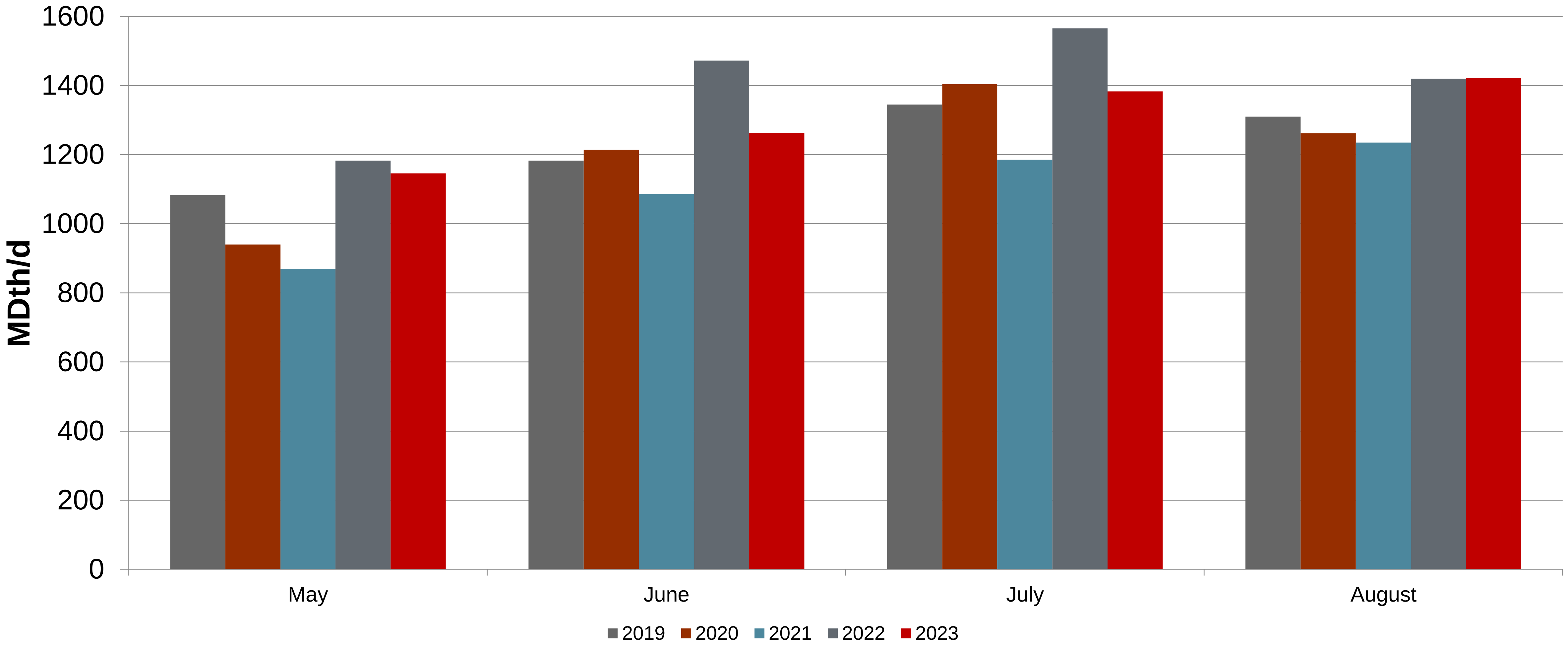

Summer Deliveries By Year

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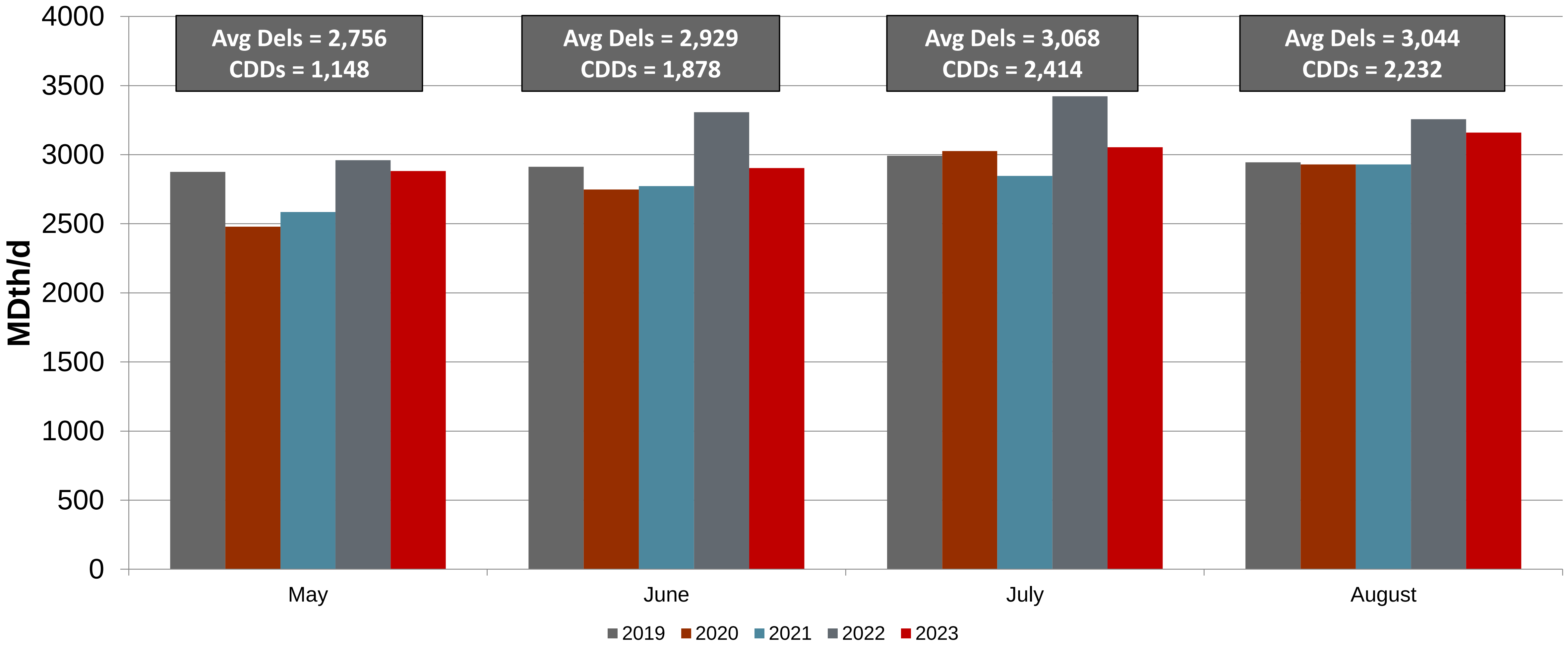

Power Generation in the Summer Has a Strong Correlation to Weather

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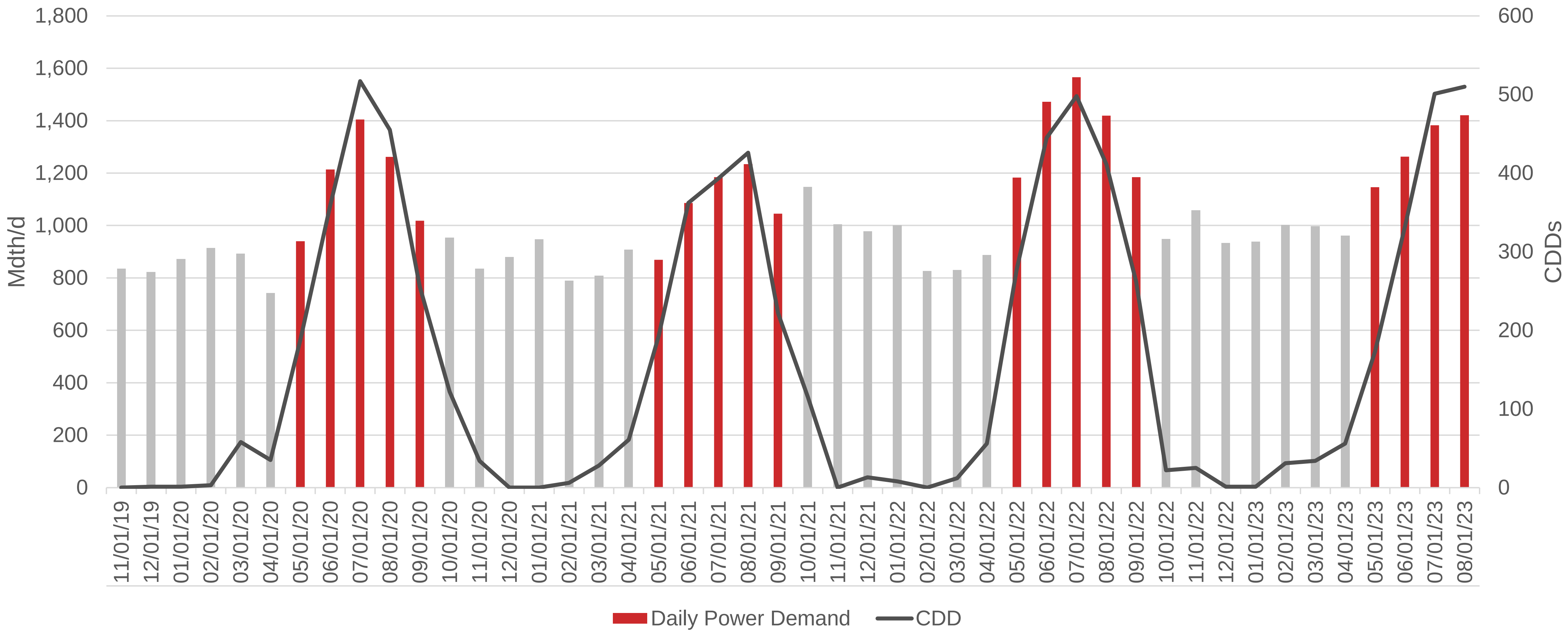

Winter Review 2022-2023

Winter Review

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- SNG's facilities performed well during this winter.
  - Compressor stations staffed 24x7 as needed.
  - Horsepower reliability was very good.

- Overall average winter with milder temperatures. Colder earlier, Milder later

- Exception was winter storm Elliot 12/21 – 12/26/2022

- Because of milder winter overall storage withdrawals were less. Storage levels remained higher than usual at end of winter.

- Where does Winter 2022-2023 rank?
    - Peak Winter Day was 12/23/22 - 4.310 MMdth; Ranks 2nd among all-time winter days.
    - Winter 2022-2023 ranked 29th out of the last 30 winters with a total of 1,803 HDDs.
    - Winter Storm Elliot, WHAT HAPPENED?

Winter Average Daily Deliveries

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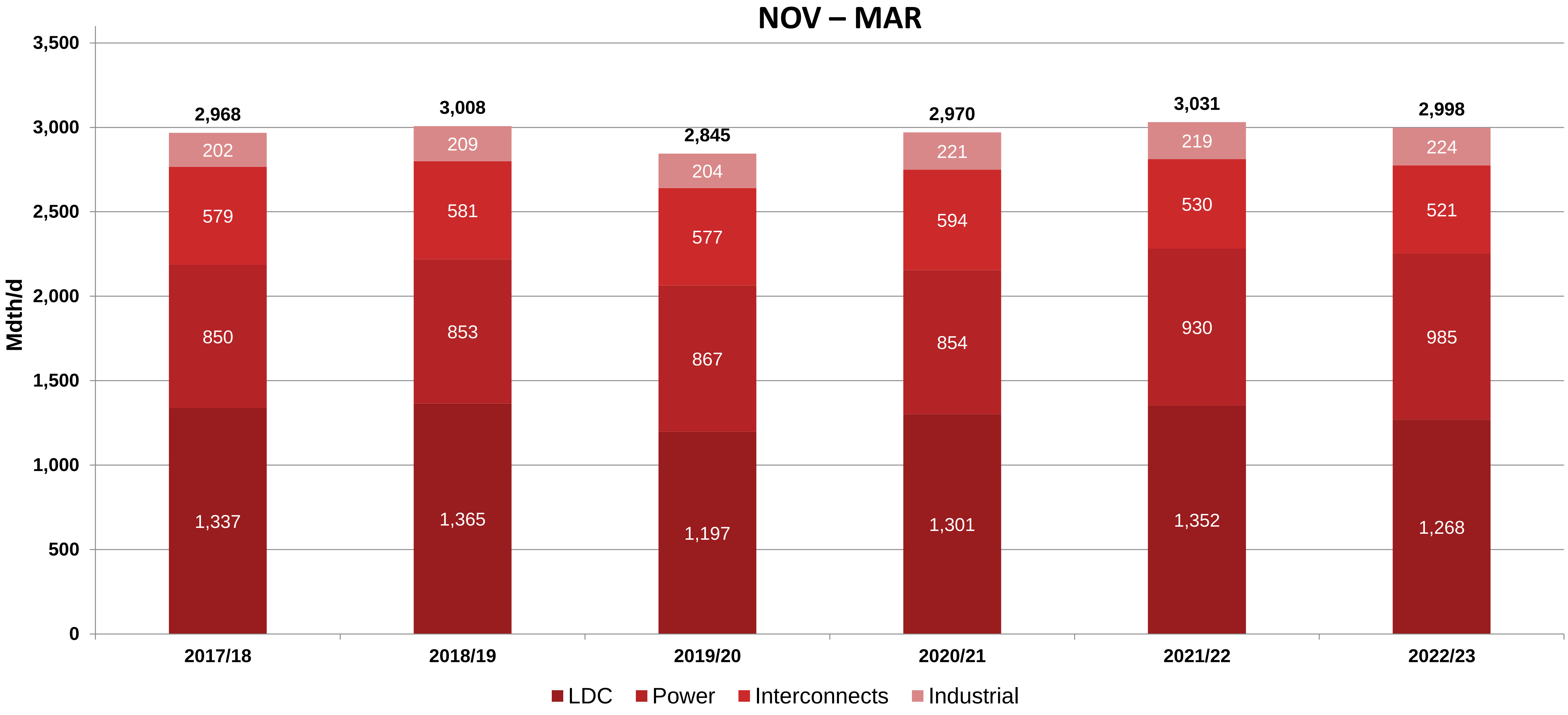

Winter Heating Degree Days (HDDs) 2018/19 – 2022/23

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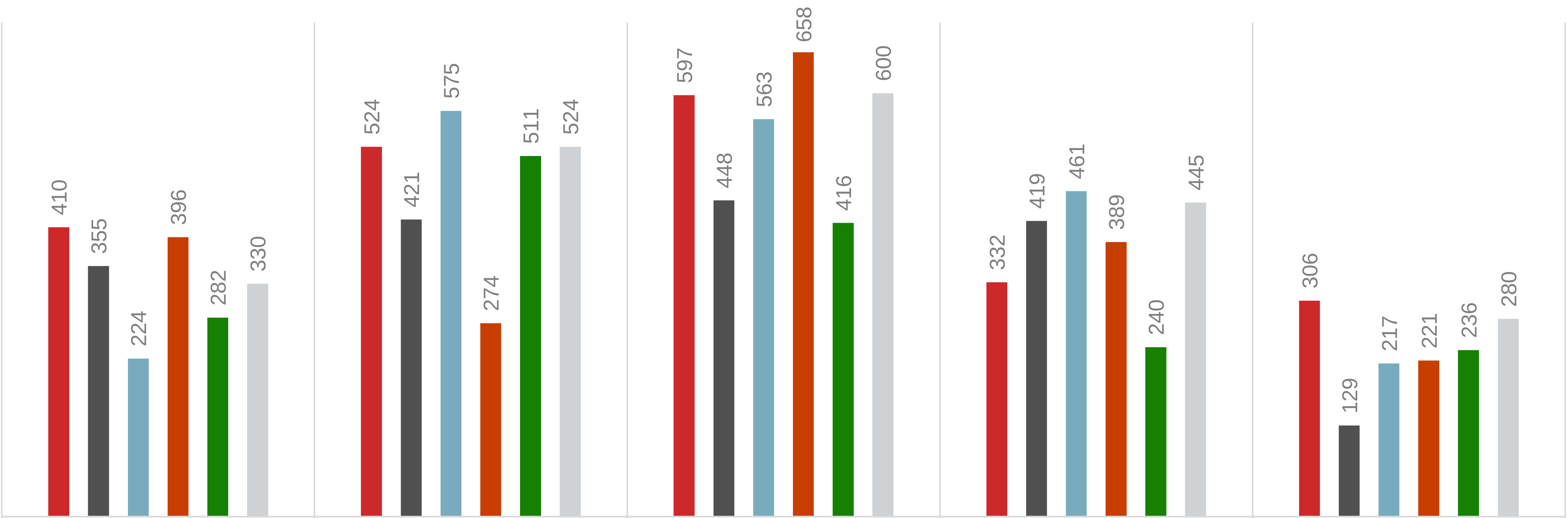

	November	December	January	February	March
2018/19	410	524	597	332	306
2019/20	355	421	448	419	129
2020/21	224	575	563	461	217
2021/22	396	274	658	389	221
2022/23	282	511	416	240	236
30 Year Average	330	524	600	445	280

Winter Average Daily Power Demand

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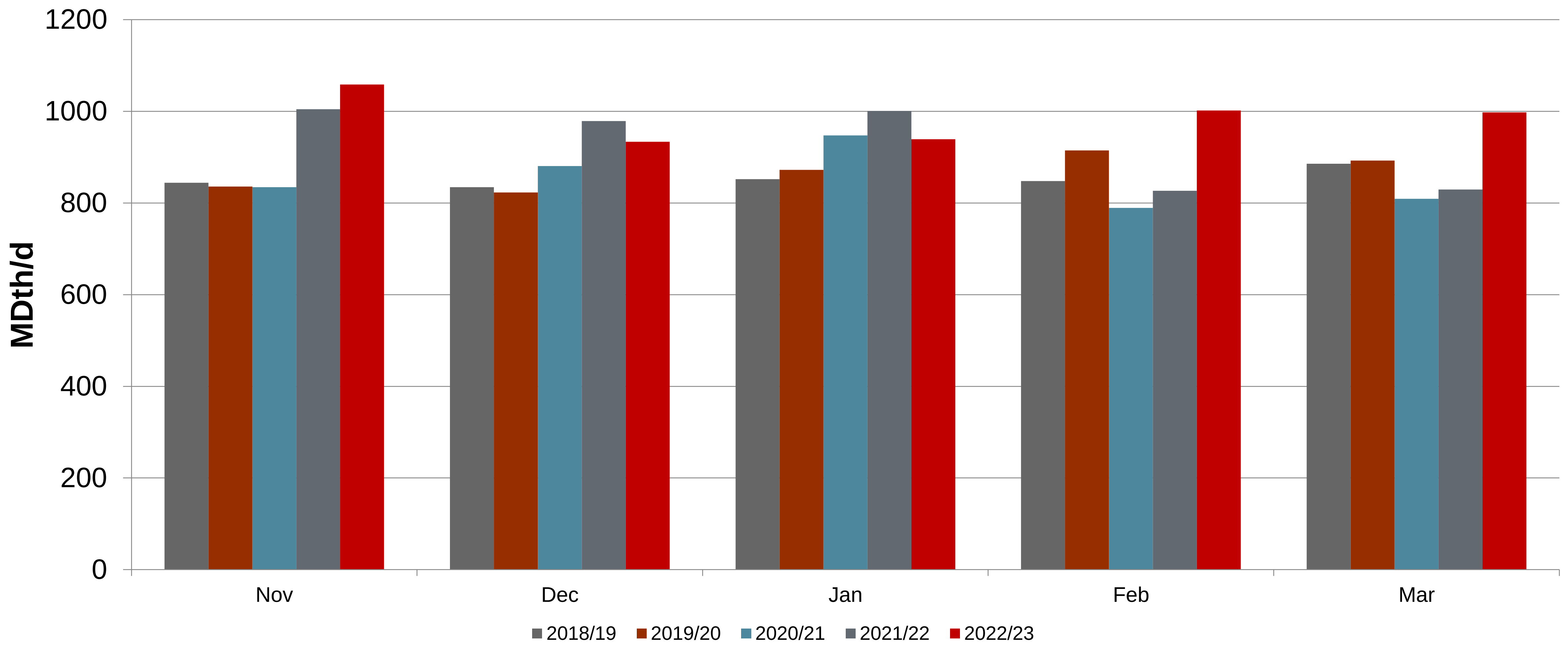

Winter Average Daily LDC Demand

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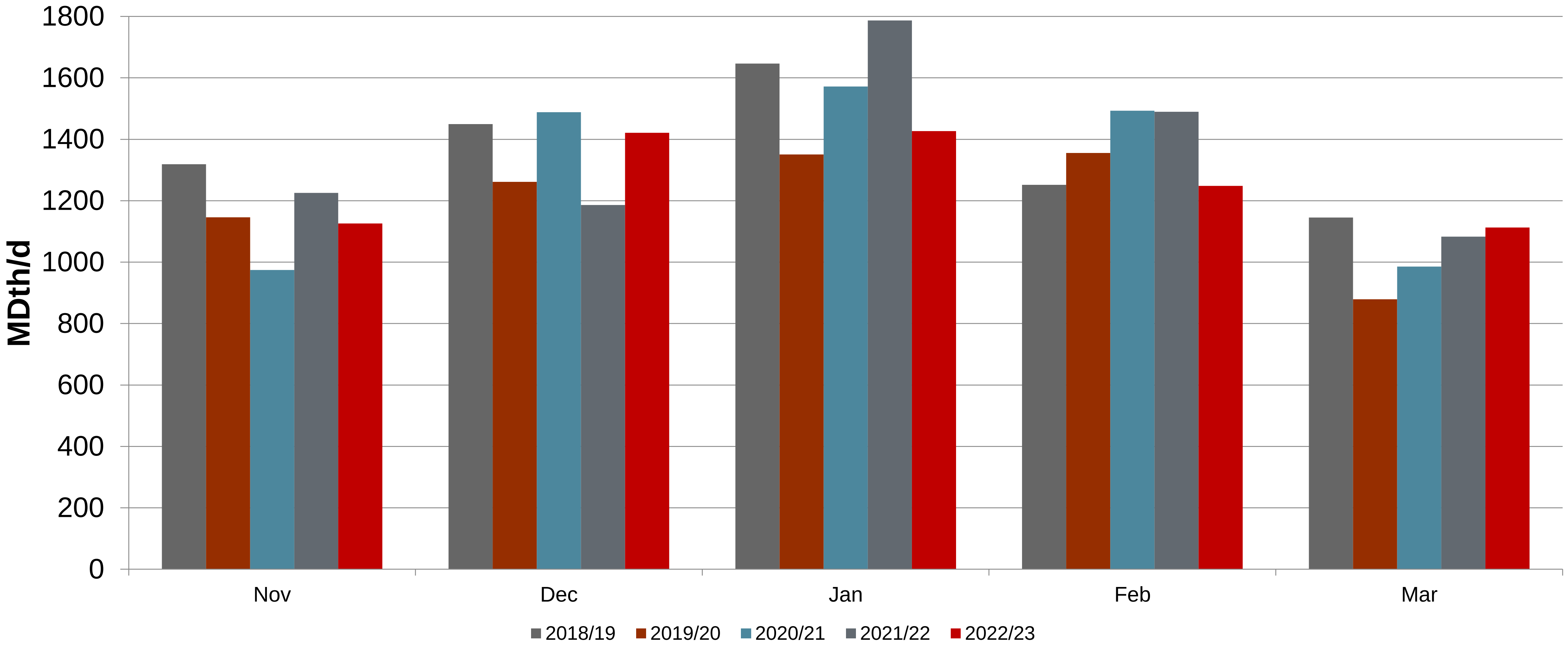

Average January Daily Deliveries 2018 - 2023

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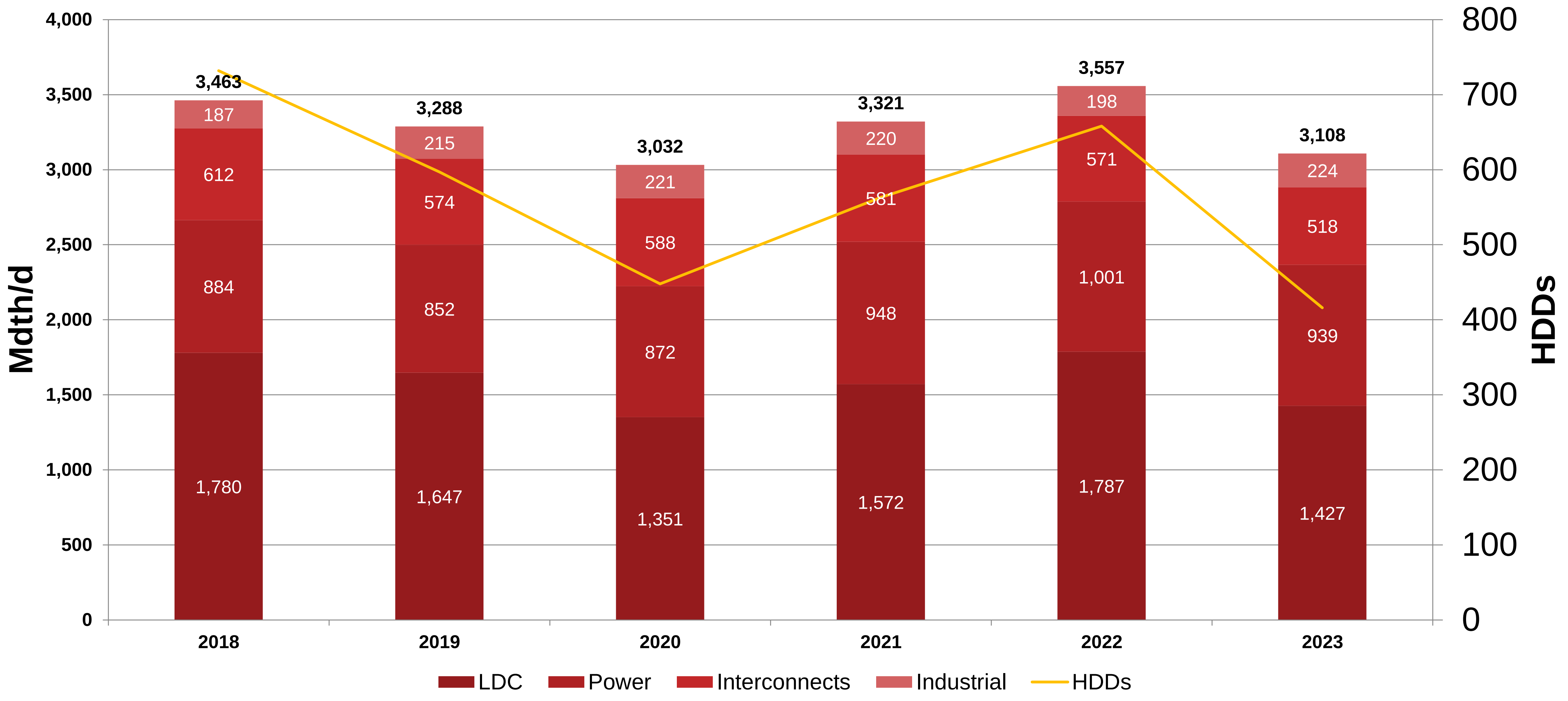

The Storm

Gas Day 21 – 26

Winter storm Elliot's worst conditions moved into SNG and EEC market areas starting on December 23rd.

Both systems were seeing very high demand and max system utilization. All station compression was on line and being used. Stations were being monitored by gas control and field ops. Station personal were stationed to minimize any problems or issues that may have come up during this time.

The morning of December 24th pressures started to drop rapidly at Transco meters that feed Hartwell compressor station on EEC.

Because of differences in Transco MAOP and operating pressures and EEC MAOP pressure and normal operating pressures, Hartwell has to run to pull in gas nominations from Transco. Gas will not flow into EEC without compression running at Hartwell.

Pressures quickly fell below minimum operating pressures and compression had to be taken off line. Eventually all compression was off line at Hartwell. Pressures remained very low coming into EEC from Transco.

Pressures did not recover until the afternoon of December 27.

Compression was issued start commands around 1:00pm on December 27. Station was back to normal operations shortly after that.

Lessons Learned – Changes made

After the storm station operations were evaluated to see about the possibility of operating at lower pressures.

Kinder Morgan compression engineering was requested to evaluate operating conditions with suction pressures below 500psig. How low could we go? Was a lower suction pressure possible?

Turbine vendor was requested to provide input on units capabilities at lower pressures.

Station piping was evaluated to see if it was possible to move emergency valve operating lines to the high side or discharge side of the station compression headers.

Conclusion:
Emergency valve operating lines were moved to the discharge side of the station to eliminate the issue of the emergency valves not operating.

Turbine vendors confirmed that station units could operate at lower suction pressures but would move less gas than original design volumes and discharge pressures.

Changes were made to station automation and station sucessfully tested down to under 500psig suction pressure.

Maintenance Update

Maintenance Planning Activities O&M and Emergent

Maintenance activities are either budgeted O&M, Integrity, Compliance driven, or Emergent in nature.

661 projects have been scheduled and completed so far this year, with another 225 that are scheduled and to be completed before the end of the year.   Others projects may be added due to emergent issues or additional required integrity work.

Projects are scheduled to minimize customer impacts. Most do not have an impact. Outages with impacts are scheduled at appropriate times of the year. Projects are communicated through EBB postings and Market Impact Report.

Projects include: pipe replacements, hardware or control system upgrades, pigging, unit maintenance, expansion projects, anomaly remediation, emergent pipe and compression failures, emissions testing, ESD testing etc.

Many obstacles including supply chain issues, staffing, contractor availability etc. can drive timing and scheduling of activities.

Mulberry Creek Rupture has made it difficult to plan and to execute maintenance projects. Some were rescheduled to a later date and some have been deferred until 2024.

SNG Unscheduled Outage Update

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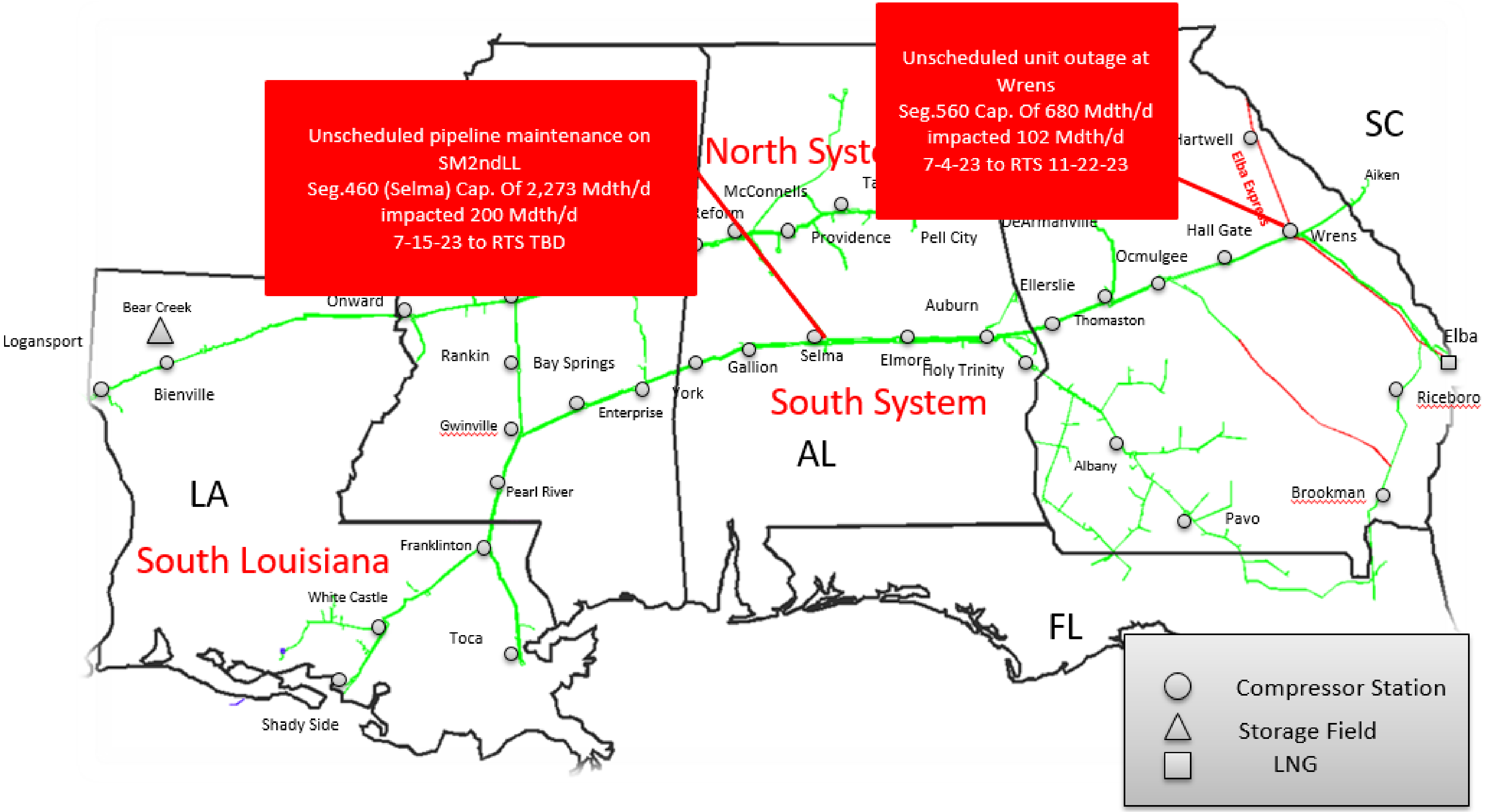
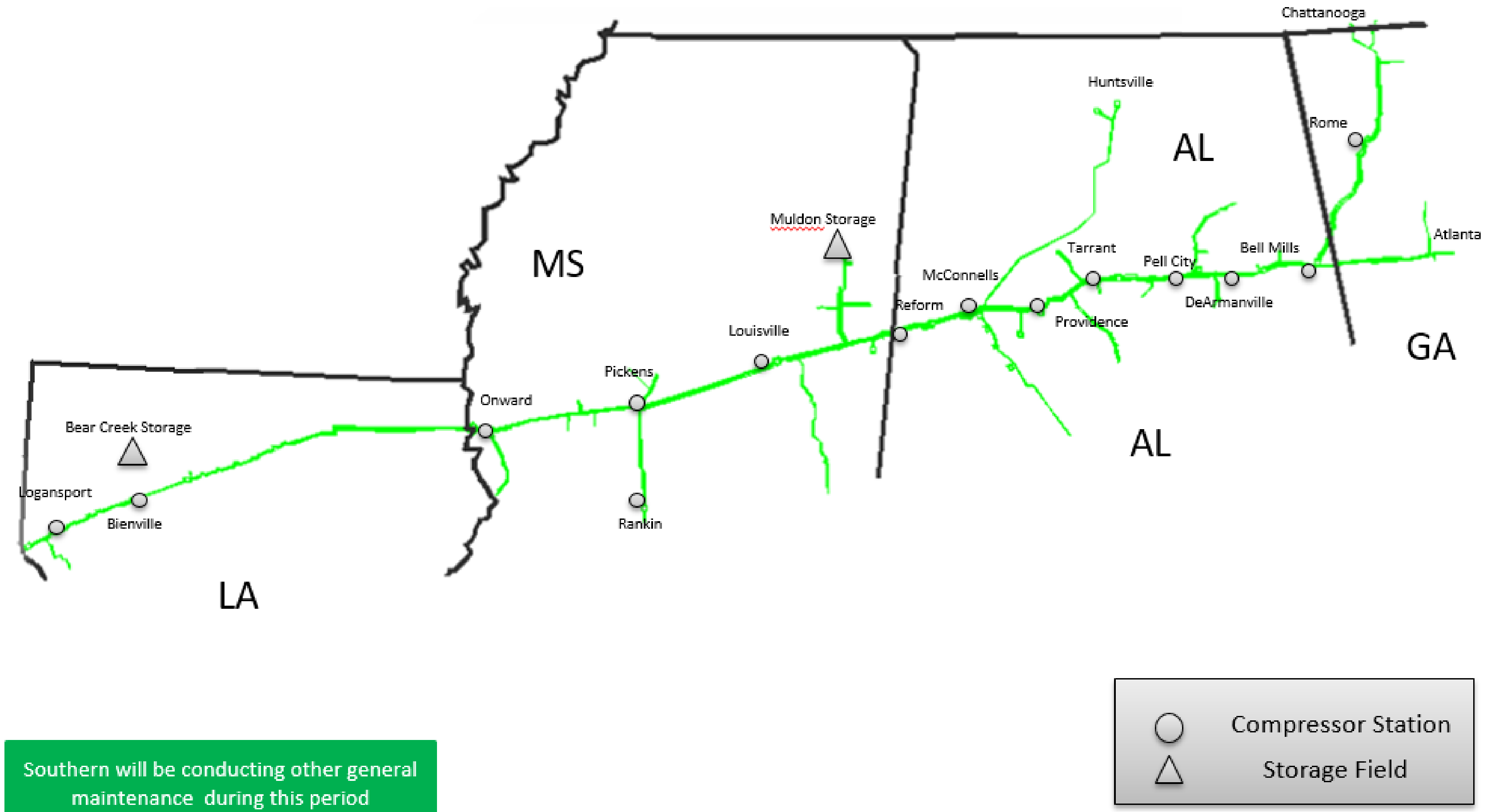


SNG Significant North System Maintenance (Pipeline)



Southern will be conducting other general maintenance during this period

SNG Significant North System Maintenance (Other)

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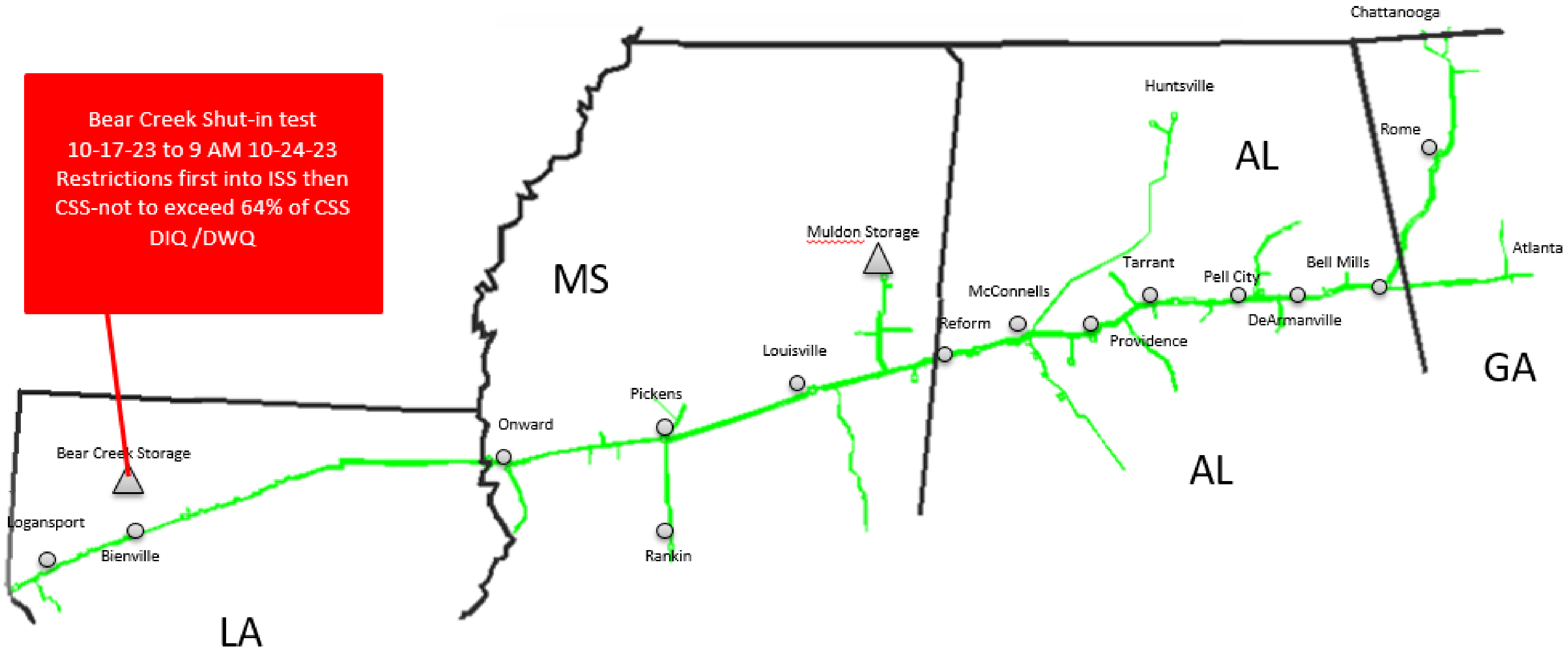
Bear Creek Shut-in test
10-17-23 to 9 AM 10-24-23
Restrictions first into ISS then CSS-not to exceed 64% of CSS DIQ /DWQ



Southern will be conducting other general maintenance during this period

○	Compressor Station
△	Storage Field

SNG Significant South System Maintenance (Pigging)

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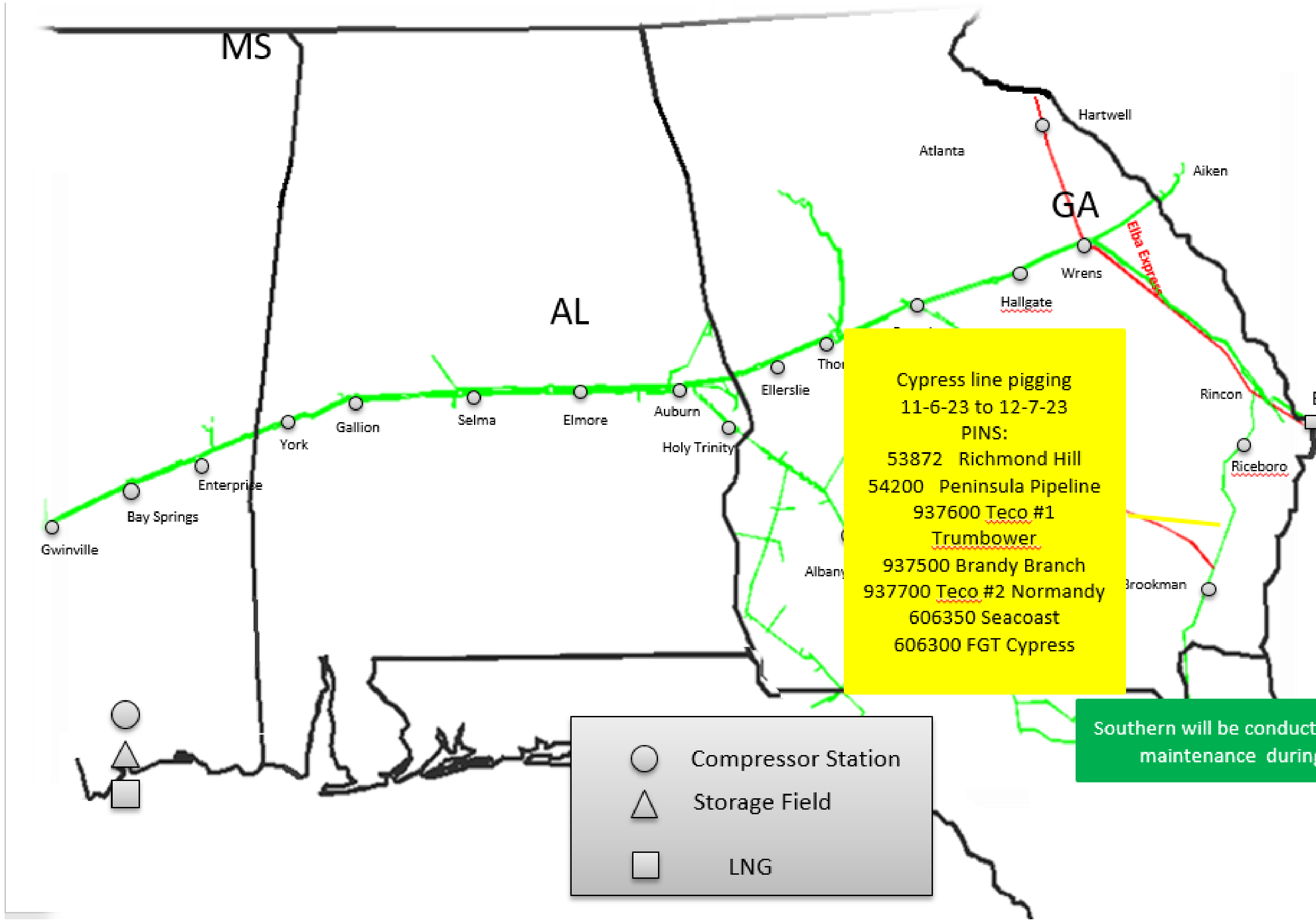

Southern will be conducting other general maintenance during this period

SNG Significant South System Maintenance

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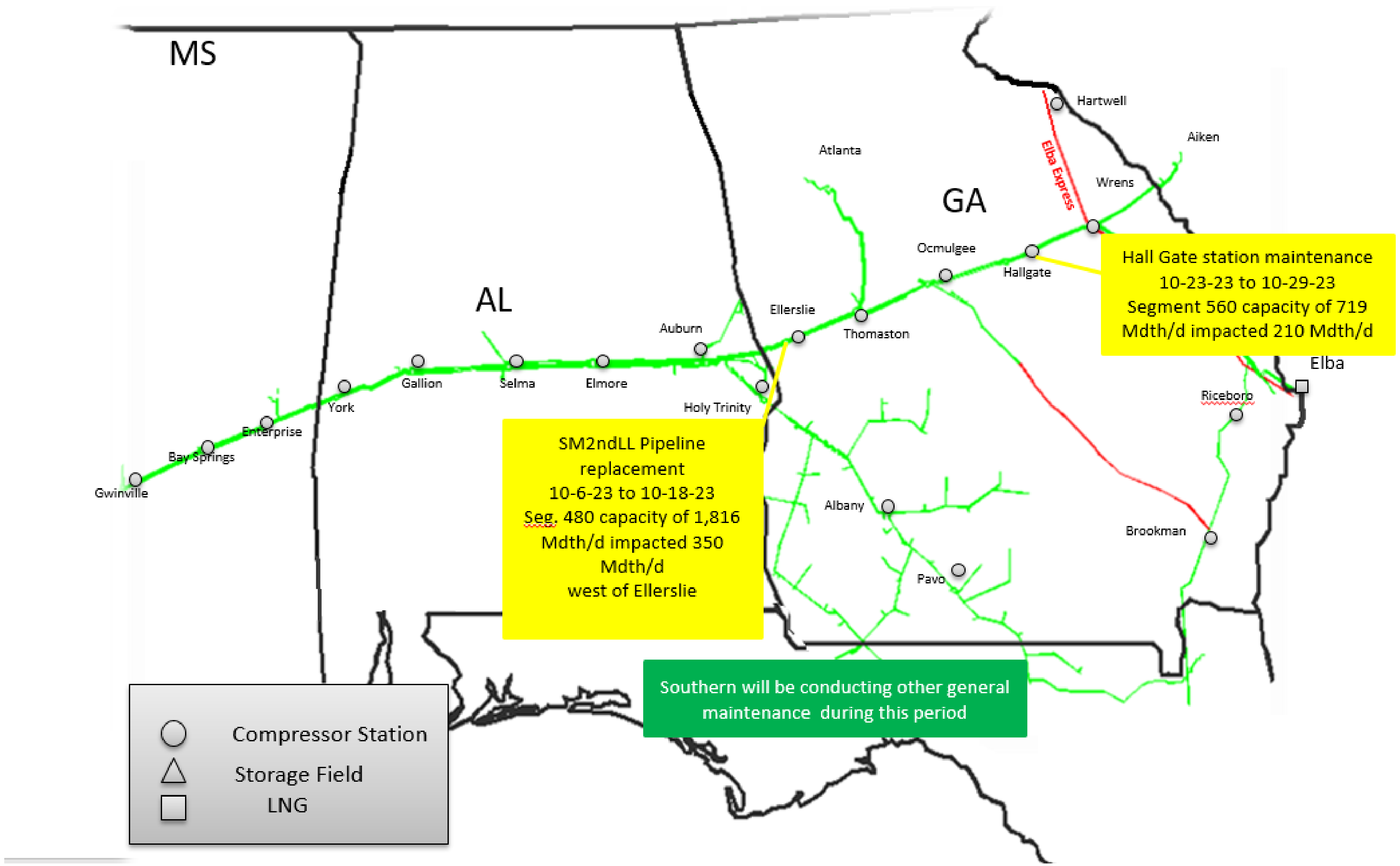

SNG Significant South Louisiana System

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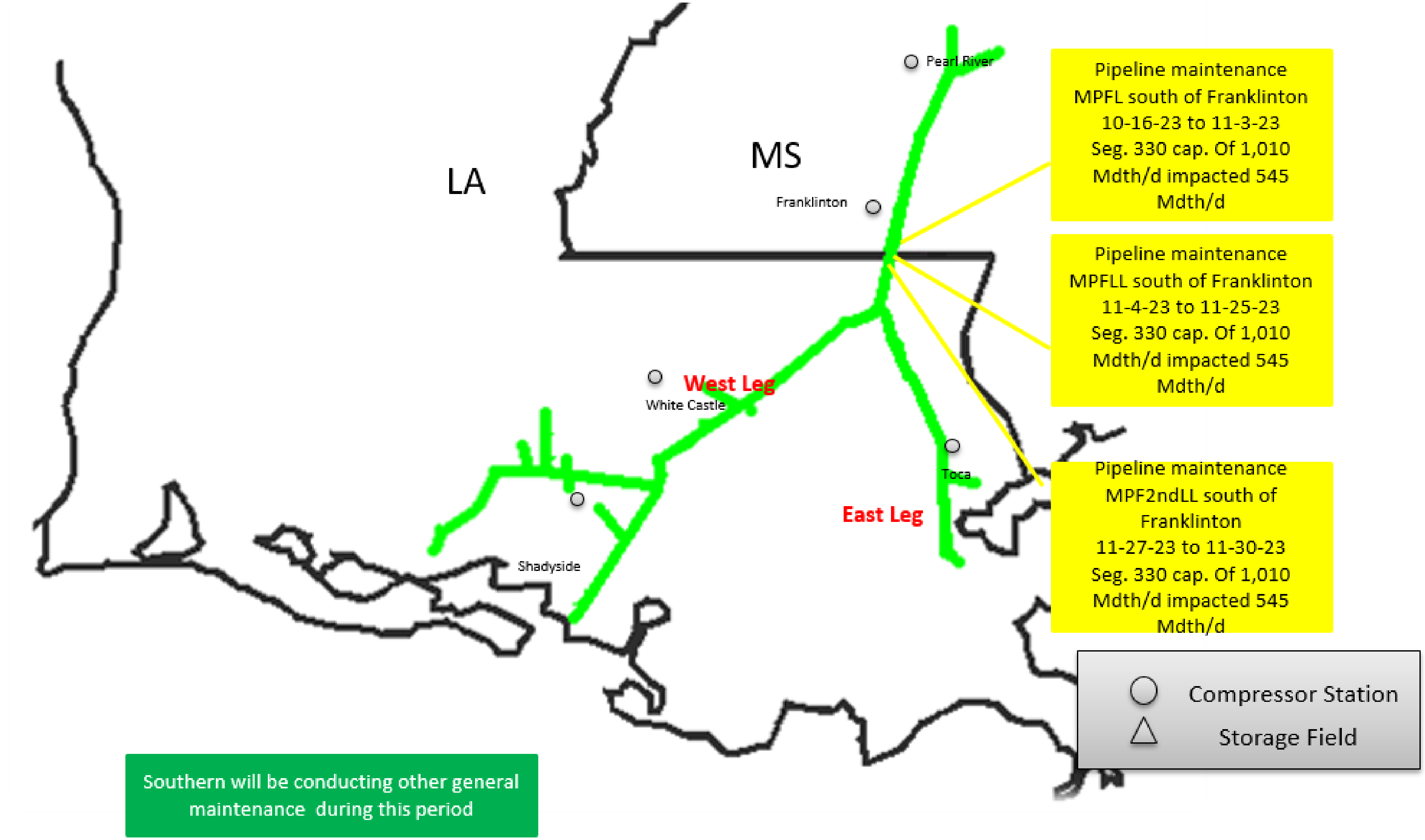

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Getting Ready for Winter 2022-2023

Winter Preparations

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- Completing critical station compression maintenance projects and testing
- Working to complete major integrity and pipeline projects prior to December 1
- Additional controller training for new systems and operational modes. Preparations for significant winter storms (Lessons Learned)
- Completing storage field testing and maintenance

QUESTIONS?

SNG EEC Gas Control Contact Information

Southern Natural Gas Company, L.L.C.
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Scheduling Update

SNG Shipper Meeting
October 10-12, 2023

Katie Cornutt
Director – Pipeline Scheduling
Pensacola, FL

Agenda

Southern Natural Gas Company, L.L.C.
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- 2023 Summer Review
  - Summer Trends & Challenges
  - Customer Nomination Patterns
  - Summer Constraints
- Preparing for Winter
  - 2022/2023 Winter Constraints
  - Scheduling Tips for Managing Your Business
- Dart Enhancement & Multi-Factor Authentication
- Scheduling & Contracts Fall Training Sessions

SNG Scheduling Team Contact Information

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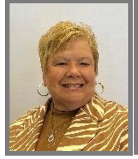
Daily Scheduling Representatives



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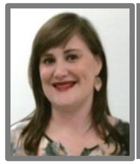

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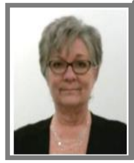

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2023 Summer Review

Summer 2023 Trends

- Overall increase in number of Segment Restrictions
  - Supply changes resulting in more frequent constraints
  - Ongoing Maintenance Activity
  - Reduction in South System Supply pathed to North System Deliveries
  - Frequent Intraday Cycle Nomination Changes

- Storage Inventory Levels Higher than Normal due to Mild 2022/2033 Winter
  - ISS Storage Restrictions

Customer Nominations by Key Segments

August 2022 vs 2023 Comparison

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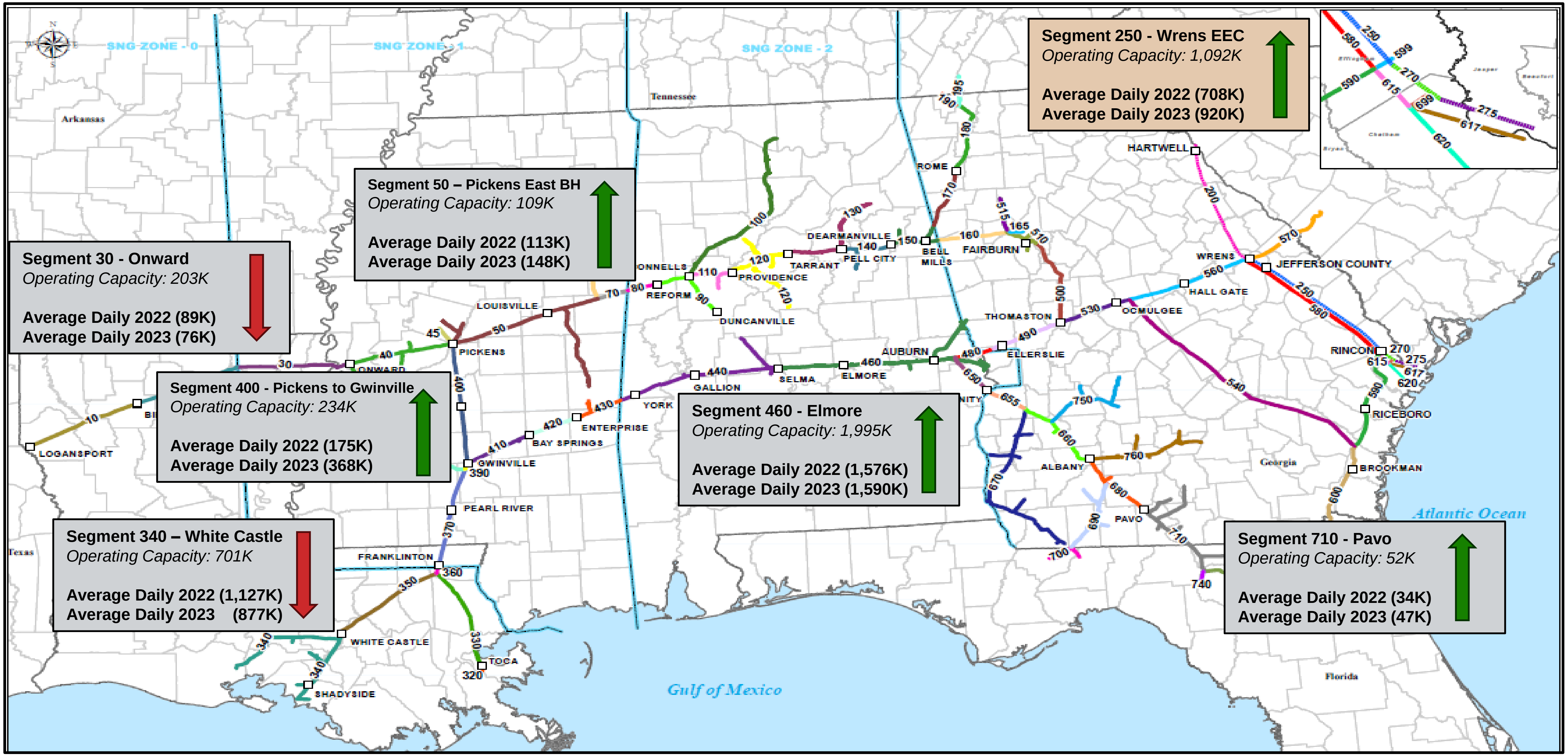

Segment 250 - Wrens EEC
Operating Capacity: 1,092K
Average Daily 2022 (708K)
Average Daily 2023 (920K)

Segment 50 – Pickens East BH
Operating Capacity: 109K
Average Daily 2022 (113K)
Average Daily 2023 (148K)

Segment 30 - Onward
Operating Capacity: 203K
Average Daily 2022 (89K)
Average Daily 2023 (76K)

Segment 400 - Pickens to Gwinville
Operating Capacity: 234K
Average Daily 2022 (175K)
Average Daily 2023 (368K)

Segment 460 - Elmore
Operating Capacity: 1,995K
Average Daily 2022 (1,576K)
Average Daily 2023 (1,590K)

Segment 340 – White Castle
Operating Capacity: 701K
Average Daily 2022 (1,127K)
Average Daily 2023 (877K)

Segment 710 - Pavo
Operating Capacity: 52K
Average Daily 2022 (34K)
Average Daily 2023 (47K)

Summer 2023

Segment Constraints for Timely Cycle (April-September)

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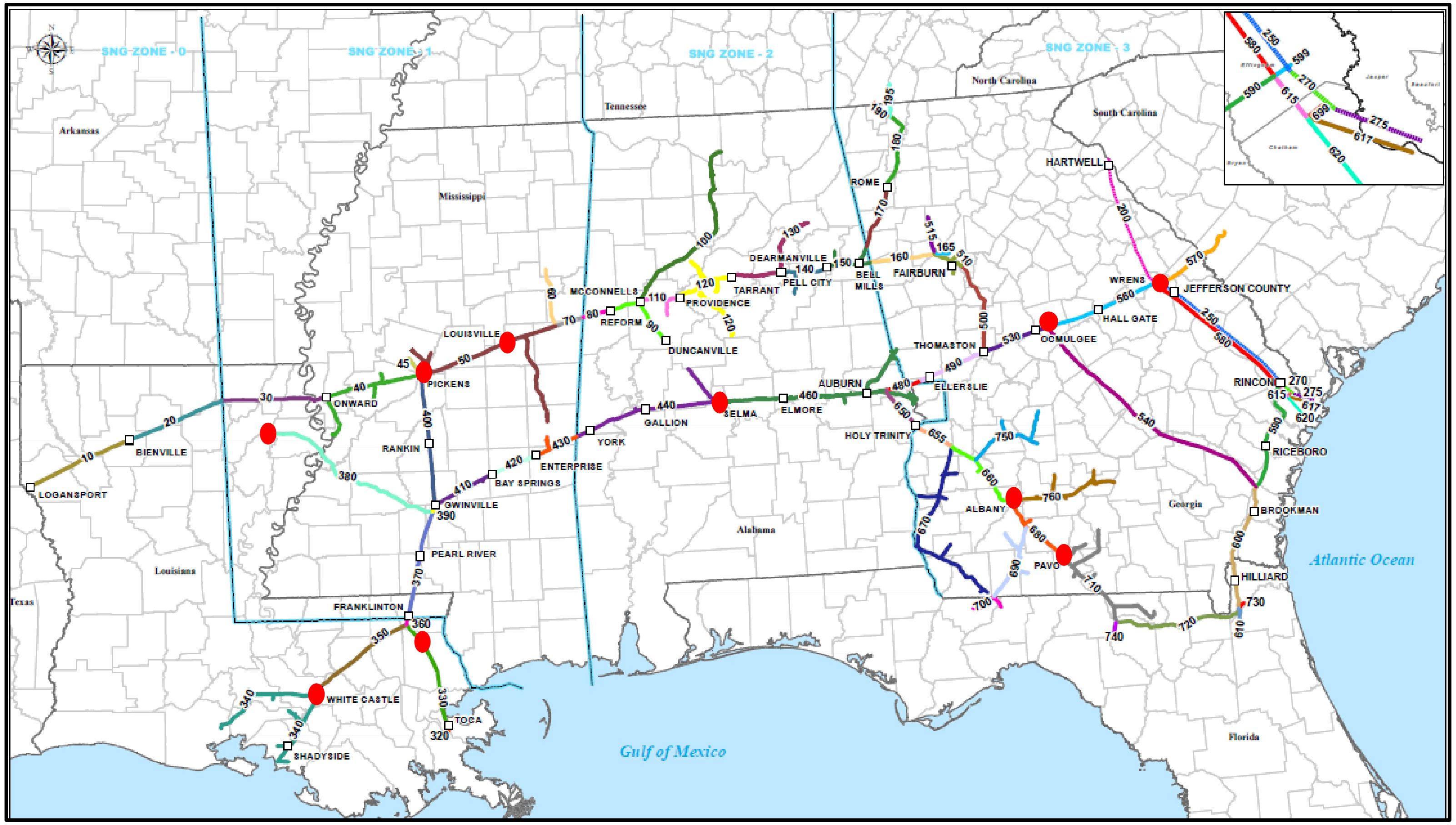
Segment	Location	Days Impacted
50	Louisville East	15
50	Pickens East BH	24
250	Wrens	27
320	Toca	18
350	LA West Leg	112
380	SNG-SESH	165
400	Pickens to Gwinville	183
460	Selma	16
560	East & South of Wrens	61
580	Wrens South	101
680	Albany	116
710	Pavo	26



Summer Restrictions

Percentage Days Restricted for Timely Cycle (April - September)

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Segment	Location	2020	2021	2022	2023
30	Onward	99.35%	2.61%	22.88%	6.56%
50	Pickens East Backhaul	0.00%	0.00%	0.00%	13.11%
250	Wrens	0.00%	0.00%	0.00%	14.75%
350	LA West Leg	0.00%	0.00%	7.19%	61.20%
380	SNG-SESH	77.12%	87.58%	86.27%	90.16%
400	Pickens to Gwinville	9.80%	30.72%	59.48%	100.00%
560	East & South of Wrens	1.96%	0.00%	0.65%	33.33%
580	Wrens South	35.29%	4.58%	6.54%	55.19%
680	Albany	3.27%	0.00%	0.00%	63.39%
710	Pavo	0.00%	1.96%	0.00%	14.21%

Type 3 OFO Summer Count

April – September

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	2020	2021	2022	2023
Type 3 Level 1	0	3	0	23
Type 3 Level 2	0	0	27	0
Type 3 Level 3	0	3	0	0
Total	0	6	27	23

	2020	2021	2022	2023
Type 6 - Long	17	20	2	10

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Preparing for Winter

Winter 2022/ 2023

Segment Constraints for Timely Cycle (November-March)

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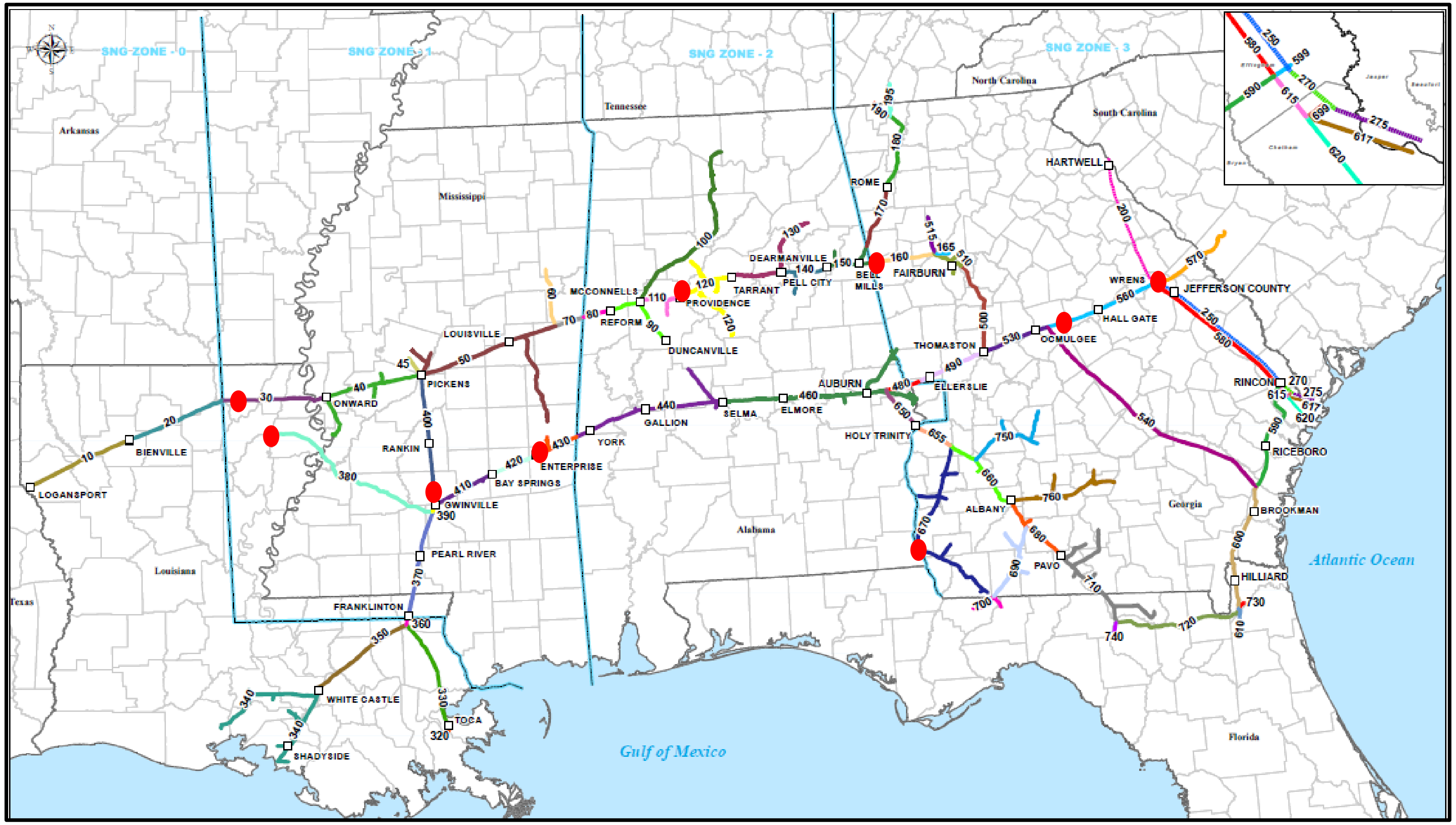
Segment	Location	Days Impacted
30	Onward	89
120	Providence	25
160	Zone 2/3 N Boundary	43
380	SNG-SESH	151
400	Pickens to Gwinville	111
420	Bay Springs	20
430	Enterprise	10
490	Ellerslie	12
580	Wrens South	21



Winter Restrictions

Percentage Days Restricted for Timely Cycle (November- March)

Segment	Location	2019/2020	2020/2021	2021/2022	2022/2023
30	Onward	55.26%	2.65%	0.66%	58.94%
120	Providence	0.00%	13.25%	19.21%	16.56%
160	Zone 2/3 N Boundary	2.63%	1.99%	11.92%	28.48%
340	White Castle	0.00%	0.00%	0.66%	5.96%
380	SNG-SESH	88.82%	76.82%	96.69%	100.00%
400	Pickens to Gwinville	17.11%	31.12%	44.37%	73.51%
420	Bay Springs	2.63%	6.62%	3.31%	13.25%
430	Enterprise	3.95%	9.27%	23.18%	6.62%
490	Ellerslie	3.95%	3.31%	5.30%	7.95%
580	Wrens South	0.00%	0.66%	70.20%	13.91%
670	Webster-Clay	0.00%	7.95%	25.83%	13.25%

OFO Winter Count

November- March

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	2019/2020	2020/2021	2021/2022	2022/2023
Type 3 Level 1	14	26	10	5
Type 3 Level 2	9	11	29	22
Type 3 Level 3	0	0	0	3
Total	23	37	39	30

	2019/2020	2020/2021	2021/2022	2022/2023
Type 6 - Long	5	6	2	2

Pipeline Conditions Notice

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TSP/TSP Name: 6900518-SOUTHERN NATURAL GAS CO. **Critical:** Y
Notice Type Desc (1): PIPELINE CONDITIONS **Notice Type Desc (2):** CURRENT PIPELINE CONDITIONS
Notice Eff Date/Time: 08/20/2023 7:03:34PM **Notice End Date/Time:** 08/21/2023 9:00:00am
Post Date/Time: 8/20/2023 7:03:34 PM **Notice ID:** 708365
Reqrd Rsp: 1 **Rsp Date:** 08/20/2023
Notice Stat Desc: SUPERSEDE **Prior Notice:** 708364
Subject: Updated Pipeline Conditions 08-21-2023

Notice Text:
Effective Evening Cycle gas day Monday August 21, 2023, and continuing until further notice, SNG restricted the following:

OPERATIONAL FLOW ORDERS (OFO)
OFO Type 3 Level 1 effective for the gas day, Monday, August 21, 2023, and until further notice. (Notice ID # 708362)

RESTRICTIONS (POINT) SNG
- 49128 (TET/SNG KOSCIUSKO ATTALA) – Exceeds Operating Capacity – Reductions into OP Services
- 609000 (TEX GAS/SNG KOSCIUSKO ATTALA) – Exceeds Operating Capacity – Reductions into OP Services
- 605500 (COL GULF/SNG SHADYSIDE) – Exceeds Operating Capacity – Reductions into OP Services

RESTRICTIONS (SEGMENT)
- 120 (LONGVIEW LATERAL) – Limited Operating Capacity
- 250 (WRENS) – Exceeds SNG Seamless Contract Capacity – Reductions into OP Services
- 350 (LA WEST LEG) – Exceeds Operating Capacity – Reductions into OP Services
- 380 (SNG - SESH) – Exceeds Operating Capacity – Reductions into OP Services
- 400 (PICKENS TO GWINVILLE) – Exceeds Operating Capacity – Reductions into OP Services
- 540 (BRUNSWICK LINE S MAIN) – Exceeds Operating Capacity – Reductions into OP Services
- 560 (EAST AND SOUTH OF WRENS) – Exceeds Operating Capacity – Reductions into OP Services
- 580 (WRENS SOUTH) – Limited Operating Capacity
- 680 (ALBANY) – Exceeds Operating Capacity – Reductions into OP Services

RESTRICTIONS (LINEPACK)
August 21, 2023 - Payback Due Shipper – Not accepting East of Ellerslie (South Main Zone 3; South Georgia System) until further notice.

RESTRICTIONS (STORAGE)
Incremental Interruptible Storage (ISS) Injections – See Notice #707814

Type 3 / 4 OFO Probability (Unlikely (UL); Likely (L); Too Close to Call (TC); Highly Likely (HL)
August 21, 2023 – OFO, Type 3 Level 1 - Until Further Notice

Type 6 OFO Probability (Unlikely (UL); Too Close to Call (TC); Highly Likely (HL)
August 21, 2023 – UL for Short and UL for Long Imbalances

Informs Shippers of:
- OFOs & Warnings
- PIN Restrictions
- Segment Restrictions
- Line Pack Area Restrictions
- Type 3 / 4 OFO Probability
- Type 6 OFO Probability

Sourcing Gas on Peak Days

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- Utilize receipts, including displacement, downstream of System constraints
  - Elba Island
  - Carolina Gas Transmission displacement
  - Transco supply via Elba Express
  - Transco- SNG Fairburn
  - Petal, Destin, and TGP-Rose Hill are downstream of a segment 420 constraint
    - But they are not downstream of a segment 430 or 490 constraint
  - FGT- Suwannee – Up to 60,000 Dth/d meter capacity, but scheduled level of flow depends on location of South Georgia loads

Dart Enhancements & Multi-Factor Authentication

Dart Enhancements Completed

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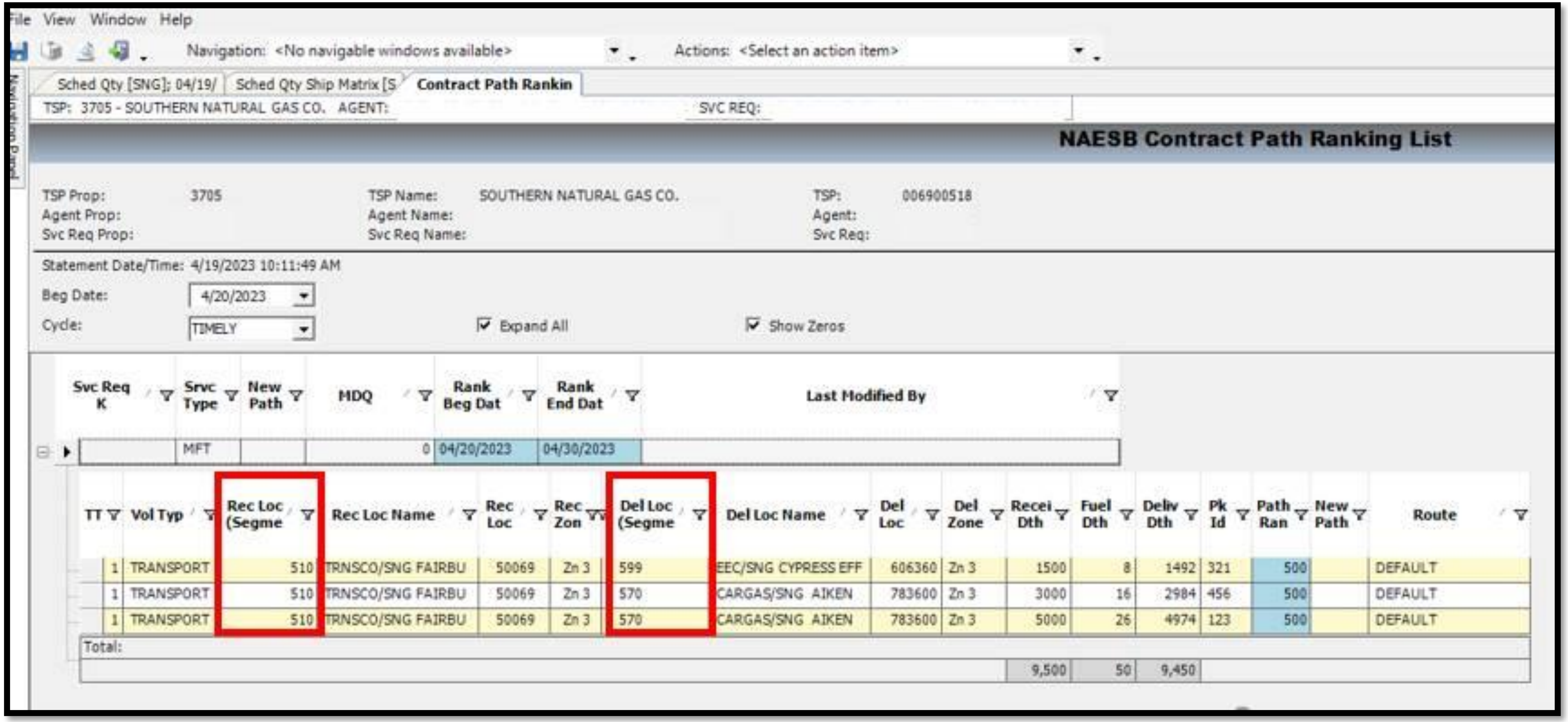

- NAESB Contract Path Ranking List Enhancement
  - Released in June, this added new Rec Loc (Segment) and Del Loc (Segment) columns to the screen which enhanced the filtering functionality on this screen.

Dart Enhancements Upcoming

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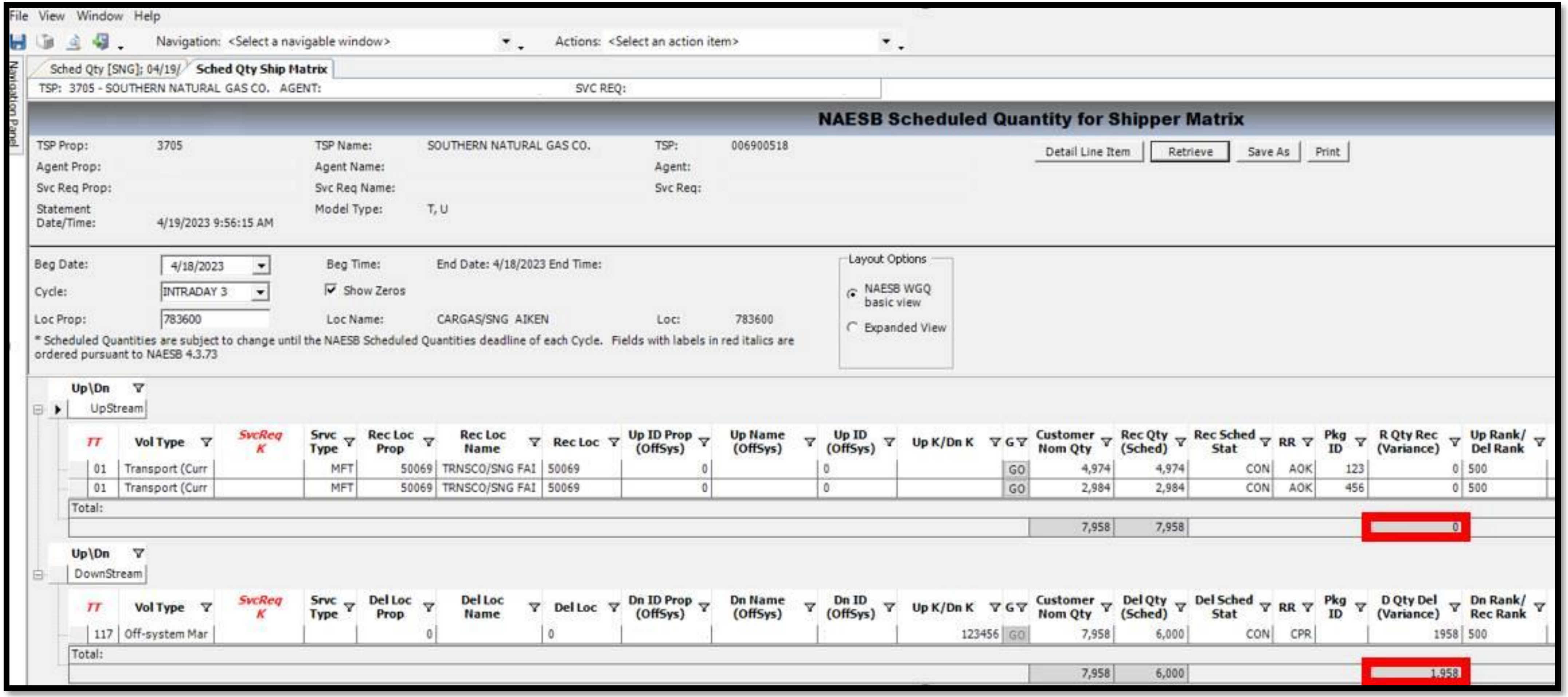

NAESB Scheduled Quantity for Shipper Matrix Enhancement slated for October 2023.

Dart Multi-Factor Authentication

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- To improve the security of Kinder Morgan's external facing business applications, Kinder Morgan has successfully implemented a new RSA Multi-Factor Authentication (MFA) business application solution.
- As of June 2023, the DART Security team has rolled all external users over to the new MFA process.
  - Over 6,700 external users using MFA process.
  - About 1,800 active daily DART users
- Users are sent via SecureID an authentication code during each log-in attempt , which must be entered before continuing into the application.
- Additional information, including how to download the SecureID App, can be found on our DART Login Help page: https://pipeportal.kindermorgan.com/PortalUI/HelpInfo.aspx
  - The MFA FAQ page is updated regularly with new issues reported by users and their resolutions.
  - Help Guides for MFA and ETR (Emergency Token Registration) setup can be found here, as well.

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Scheduling & Contracts Training

Scheduling and Contracts Training

- Kinder Morgan will be offering one-on-one meetings to discuss your DART-related business and training needs.

- These meetings will take place during select days the week of November 6th, 2023, in our Houston office.

- Individual meetings and times will be set up with the appropriate departments based on the pipeline and topics of interest.

Thank you for your business!

Southern Natural Gas Company, L.L.C.
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SNG Pipeline Operations & Maintenance

Chris Bradberry
Director of Operations, KMNG Division 8
October 11, 2023

SNG System spans 3 Operating Divisions - Div6, Div8, and Div9

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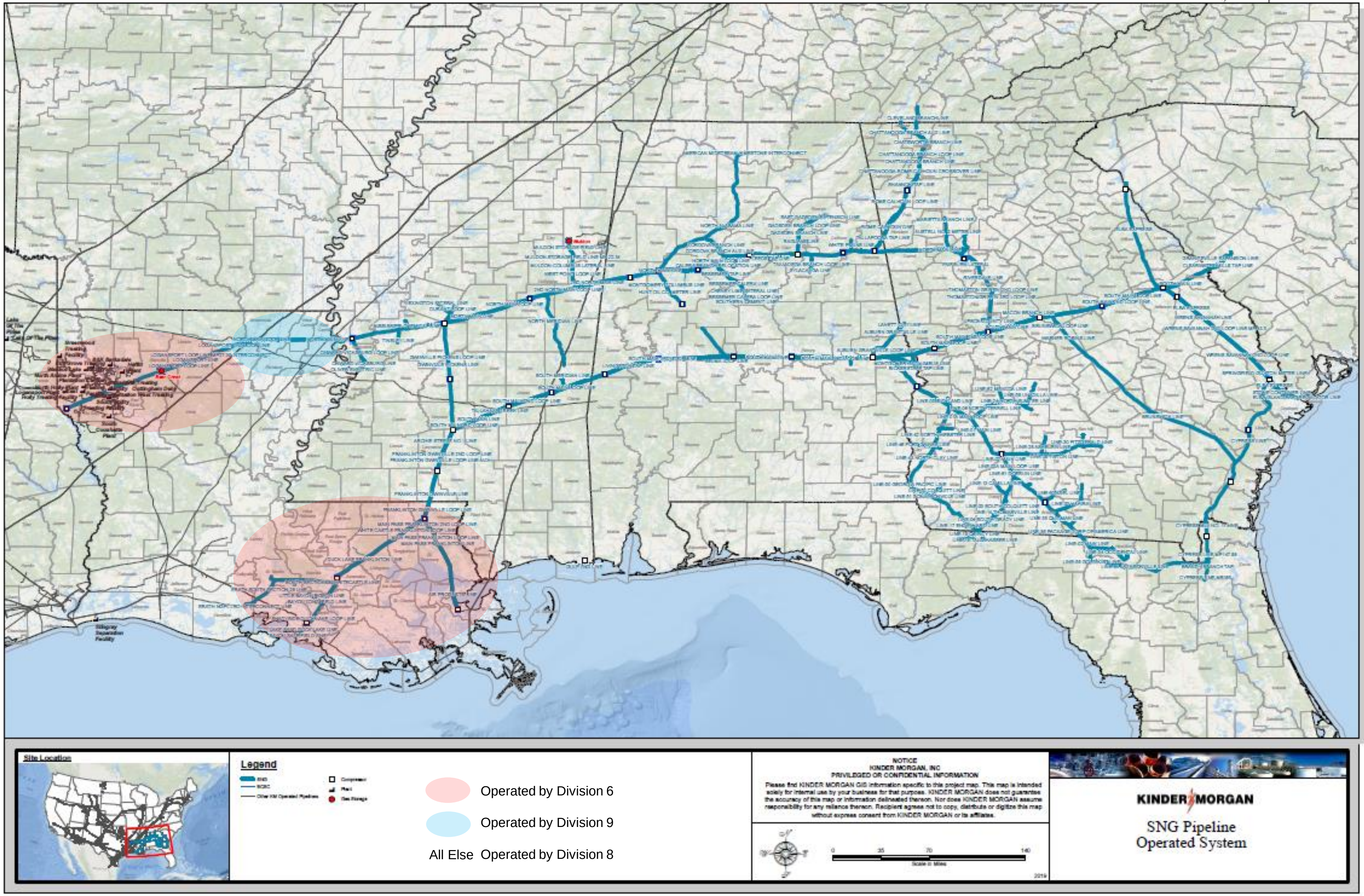


Safety Is Integral to Pipeline Operations & Maintenance

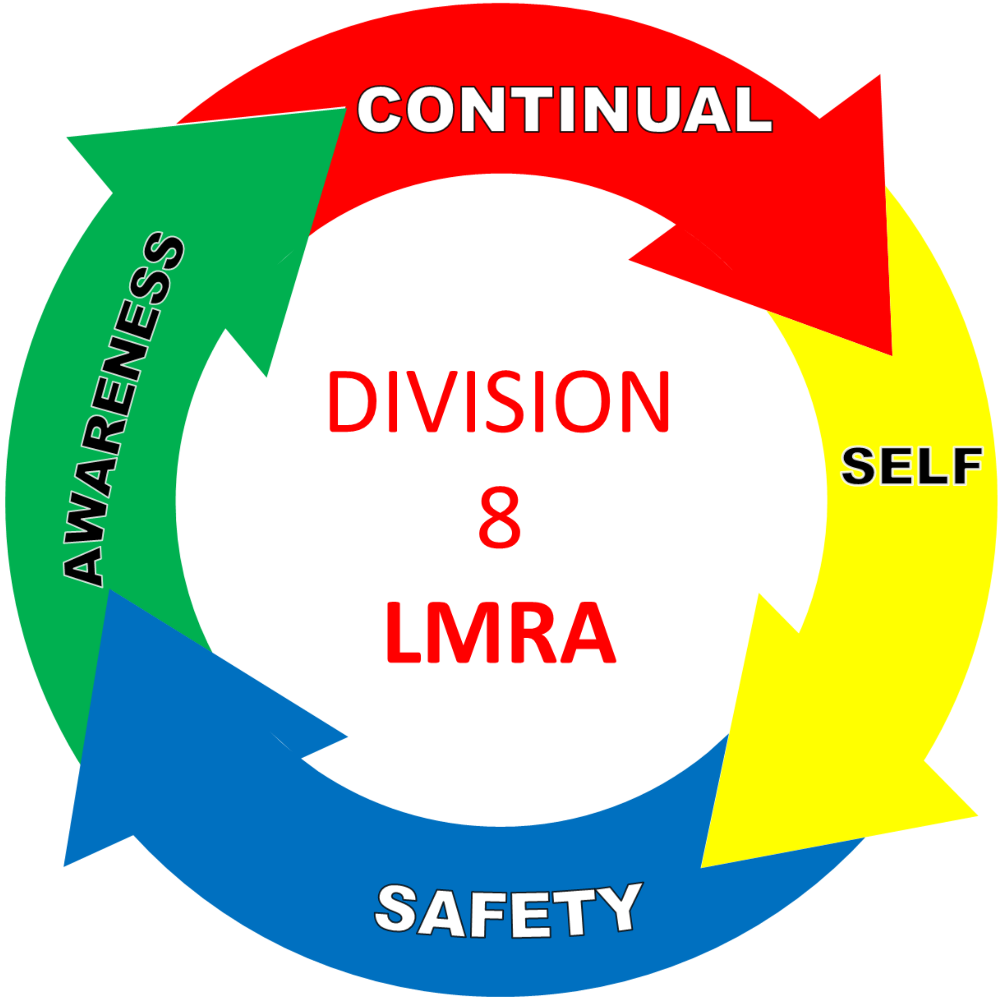
CSSA

Continual

Self

Safety

Awareness



LMRA

Last

Minute

Risk

Assessment

Some Challenges Impacting Operations & Maintenance

- Regulations – PHMSA and EPA
- Aging Compression Fleet
- Workforce Challenges

Regulatory Effects

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- PHMSA Mega Rule
  - Mega Rule is an industry slang term for three new pipeline safety regulations related to pipeline integrity.
  - Will require additional pipeline pressures tests (hydro tests), inline inspections (ILIs; smart pig runs), and direct assessments.
  - Expecting to spend an additional ~$109M thru 2029 as a result
- PHMSA Special Permits for Pipeline Class Changes
  - Permit conditions are becoming more onerous, increasing the likelihood that pipe will be replaced in response to a class change, rather than implementing a Special Permit for the pipe.
- PHMSA Rupture Mitigation Valve (RMV) Rule
  - More pipeline valves will have to be automated to where they can be operated remotely and can close automatically following a potential pipeline rupture. Estimated to spend ~$15M thru 2029 as a result.

Regulatory Effects

- EPA Good Neighbor Rule
  - Requires significant reduction in NOx emissions for some Reciprocating Compressor Engines.
  - 68 of 192 Compressor Units on SNG are subject to the Rule. These 68 Units are in MS and LA
  - 47 of 68 don’t meet the emissions limits in the Rule. 16 of 47 can comply by utilizing facility averaging.
  - 31 of 47 units will have to be modified, at an average cost of $4.86M per unit (~$151M), by 2029.
  - O&M costs for these 31 units will also increase, though not yet quantified.

Regulatory Effects

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- EPA and PHMSA Proposed Rules Re: Methane Emissions/Leaks
  - Compressor seals will have to be repaired or replaced more frequently, and some will need to be upgraded to newer lower-emission types of seals.
  - Some equipment which normally bleeds a small amount of gas to operate will have to be replaced with no-bleed equipment.
  - Stations will have to be checked more frequently (quarterly or monthly) for leaks, with specialized equipment which detects even the smallest of leaks, and any leaks found will have to be repaired within a short period of time. *Note1*
  - Though not mandated, to meet methane emissions reduction targets, pipeline pump-downs and flaring will need to be done more often to further reduce the venting of methane.
  - Rules not finalized yet, so impacts not yet quantified

  - *Note1 - For the one pre-existing SNG station which is currently subject to a similar regulation (OOOOa), annual O&M costs to comply is roughly $100K. Up to 37 additional stations would have to be brought into compliance.*

SNG's Fleet of Compressors

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State	Electric		Recip		Turbine		Total # of Units	Total Average Age
# of Stations	# of Units	Average Age	# of Units	Average Age	# of Units	Average Age		
AL – 14	6	21	46	61	15	43	67	53
FL – 1					1	9	1	9
GA – 11	6	13	25	54	6	28	37	43
LA – 6			37	61	1	28	38	60
MS – 9			42	61	7	40	49	58
Total – 41	12	17	150	60	30	37	192	54

Challenges as Compressors get Older

- Availability of Parts
- Quality and Durability of Parts
- Industry Knowledge and Skills in Older Equipment
- Employees Experienced in Older Equipment
- Increasing Compressor Maintenance Costs (up 25-30% over the past 5 years; ~$1M per year increase)
- Upgrades to older Compressors due to Good Neighbor Rule will further increase O&M costs

Division 8 Employees - Tenure

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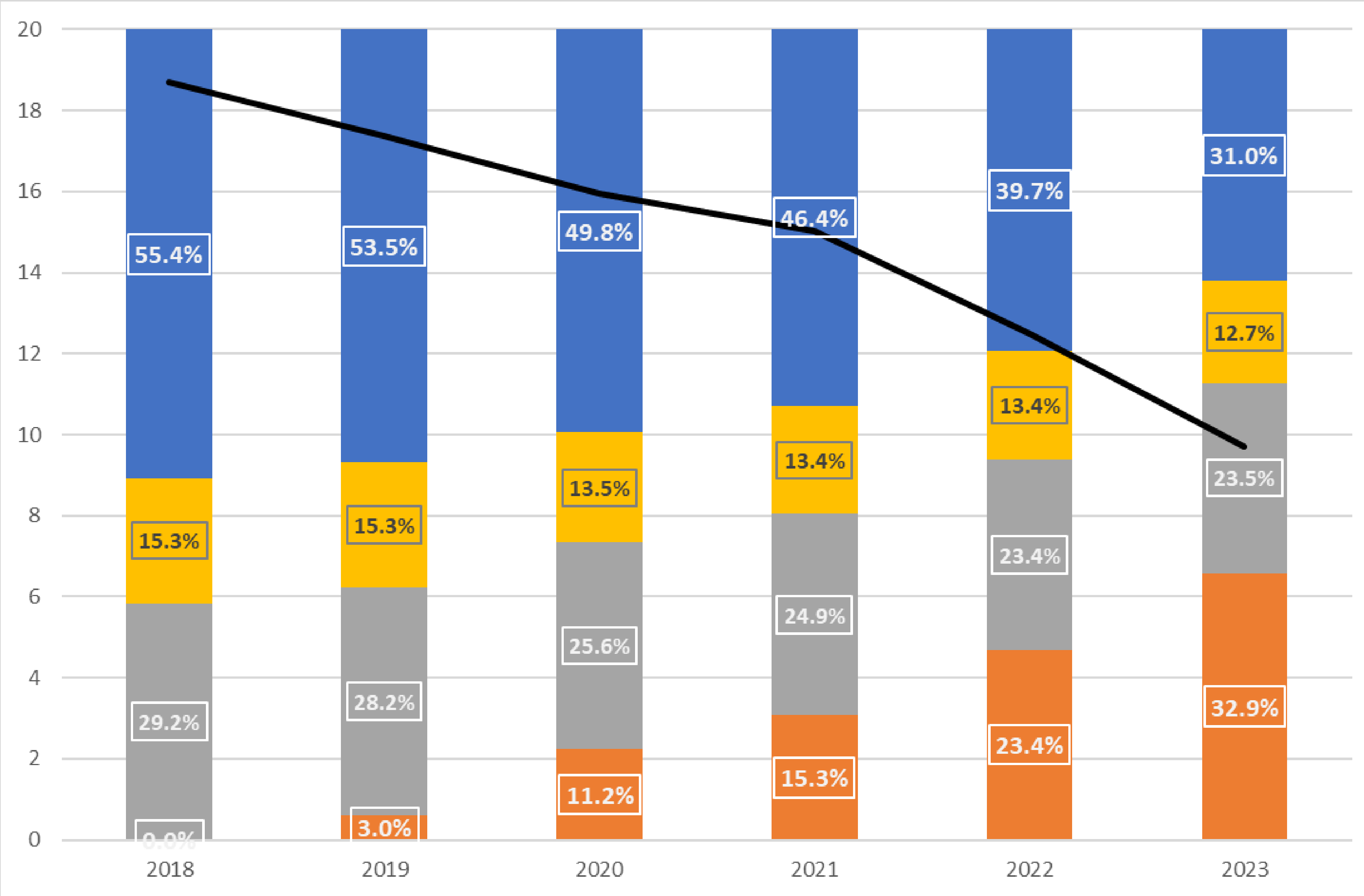

Reason for Turnover

1/3 – Retirement

2/3 – Other

Challenges Related to Workforce

- Loss of Experience
- Job Market and Pay
- Public Perception of our Industry

We are committed to working through these and other challenges and providing excellent service to our customers

Thank you

Questions?

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Business Development Update

Devy Traylor
Director, Business Development

Forward Looking Statements

Southern Natural Gas Company, L.L.C.
a Kinder Morgan operated company

This presentation contains forward-looking statements. These forward-looking statements are identified as any statement that does not relate strictly to historical or current facts. In particular, statements, express or implied, concerning future actions, conditions or events, future operating results or future production or available capacity are forward-looking statements. Forward-looking statements are not guarantees of performance. They involve risks, uncertainties and assumptions. Future actions, conditions or events and future results of operations of Kinder Morgan, Inc. may differ materially from those expressed in these forward-looking statements. Many of the factors that will determine these results are beyond Kinder Morgan's ability to control or predict. These statements are necessarily based upon various assumptions involving judgments with respect to the future, including, among others, the ability to achieve synergies and revenue growth; national, international, regional and local economic, competitive and regulatory conditions and developments; technological developments; capital and credit markets conditions; inflation rates; interest rates; the political and economic stability of oil producing nations; energy markets; weather conditions; environmental conditions; business and regulatory or legal decisions; the pace of deregulation of retail natural gas and electricity and certain agricultural products; the timing and success of business development efforts; terrorism; and other uncertainties. There is no assurance that any of the actions, events or results of the forward-looking statements will occur, or if any of them do, what impact they will have on our results of operations or financial condition. Because of these uncertainties, you are cautioned not to put undue reliance on any forward-looking statement. Please read "Risk Factors" and "Information Regarding Forward-Looking Statements" in our most recent Annual Report on Form 10-K and our subsequently filed Exchange Act reports, which are available through the SEC's EDGAR system at www.sec.gov and on our website at www.kindermorgan.com.

Recently Completed Projects

Southern Natural Gas Company, L.L.C.
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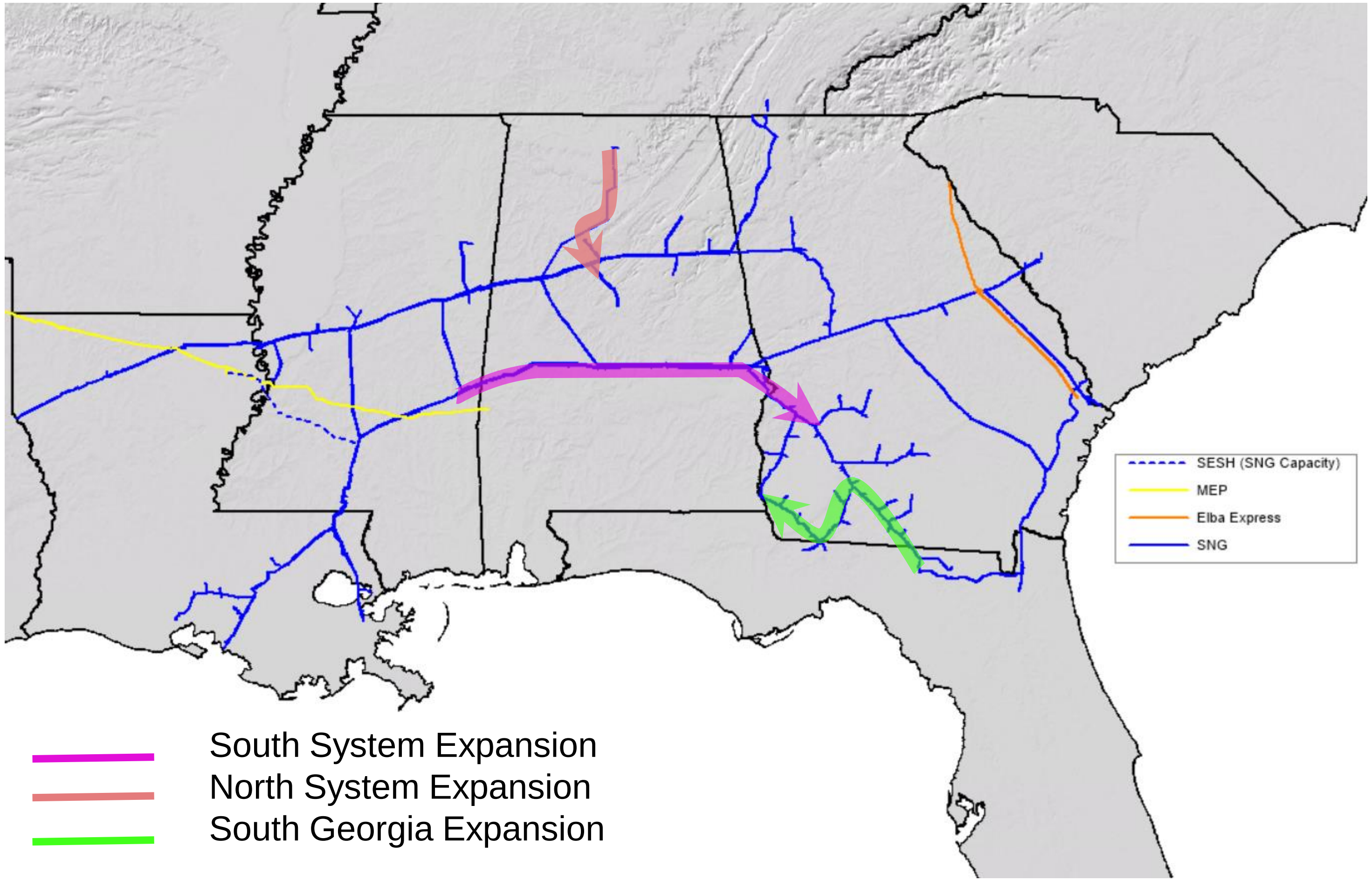
- South System Expansion
  - Final facilities placed in service 4Q2022
  - Provides 25,500 Dth/d of incremental firm transportation service
- North System Expansion
  - Placed in service 4Q2022
  - Provides 26,754 Dth/d for incremental firm transportation service
- South Georgia Expansion
  - Placed in service 4Q2022
  - Provides 8,714 Dth/d for incremental firm transportation service

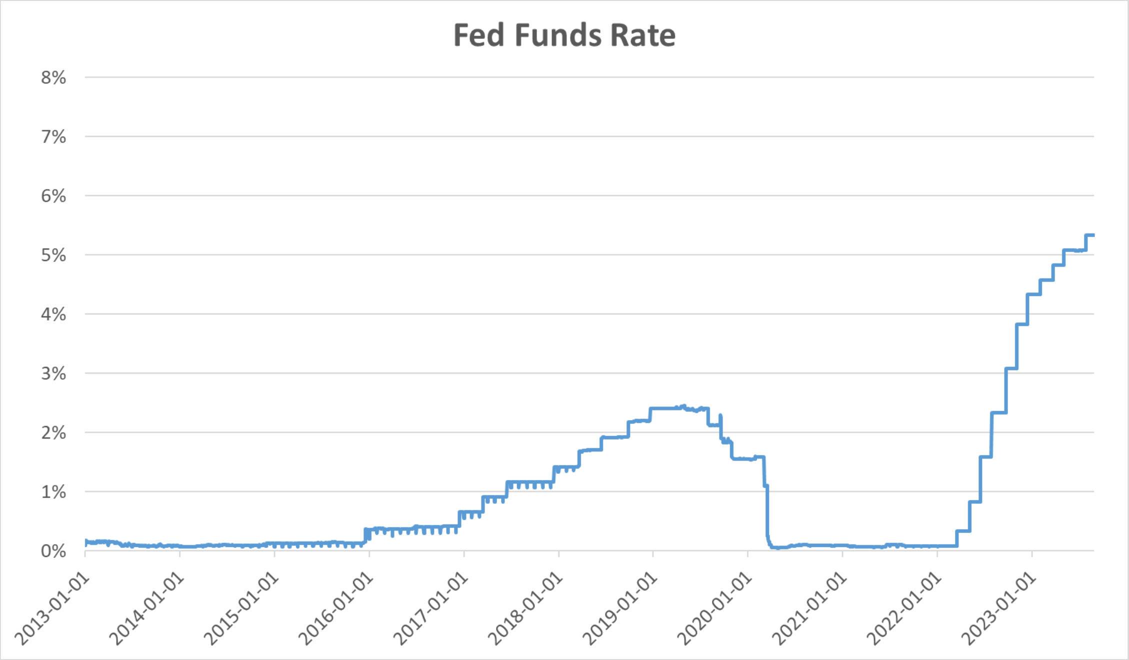


Southeast Region (and National) Landscape

- New nuclear plants (2,430 MW total)
  - One began commercial operation in July 2023
  - The other expected to be in commercial operation late 2023 or early 2024

- Renewable penetration continues in the Southeast
  - Significant additions planned over the next seven years

- High interest rates intended to slow the economy
  - But economists predict a soft landing



Southeast Region (and National) Landscape

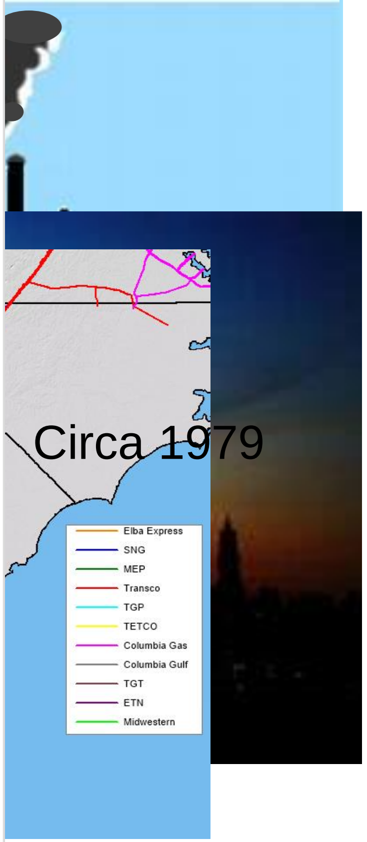
Southern Natural Gas Company, L.L.C.
a Kinder Morgan operated company

- New nuclear plants (2,430 MW total)
  - One began commercial operation in July 2023
  - The other expected to be in commercial operation late 2023 or early 2024
- Renewable penetration continues in the Southeast
  - Significant additions planned over the next seven years
- High interest rates intended to slow new projects
- Attack on hydrocarbon fuels increase permitting time
- Current administration incentivizing electrification
  - Tax credits for switching from gas to electricity
  - Tightened regulations on gas appliances

A US federal agency is considering a ban on gas stoves
By Ramishah Maruf, CNN
Updated 9:02 PM EST, Wed January 11, 2023

Impact on Development Projects

- Despite headwinds, there is a l… infrastructure
- Perspective on interest rates…
- Primary growth
  - Converting fro
  - Need for grid r
  - Strong global
  - Interest in add
- Natural gas is s
  - Clean
  - Low cost
  - Reliable



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It is difficult to make predictions, especially about the future.

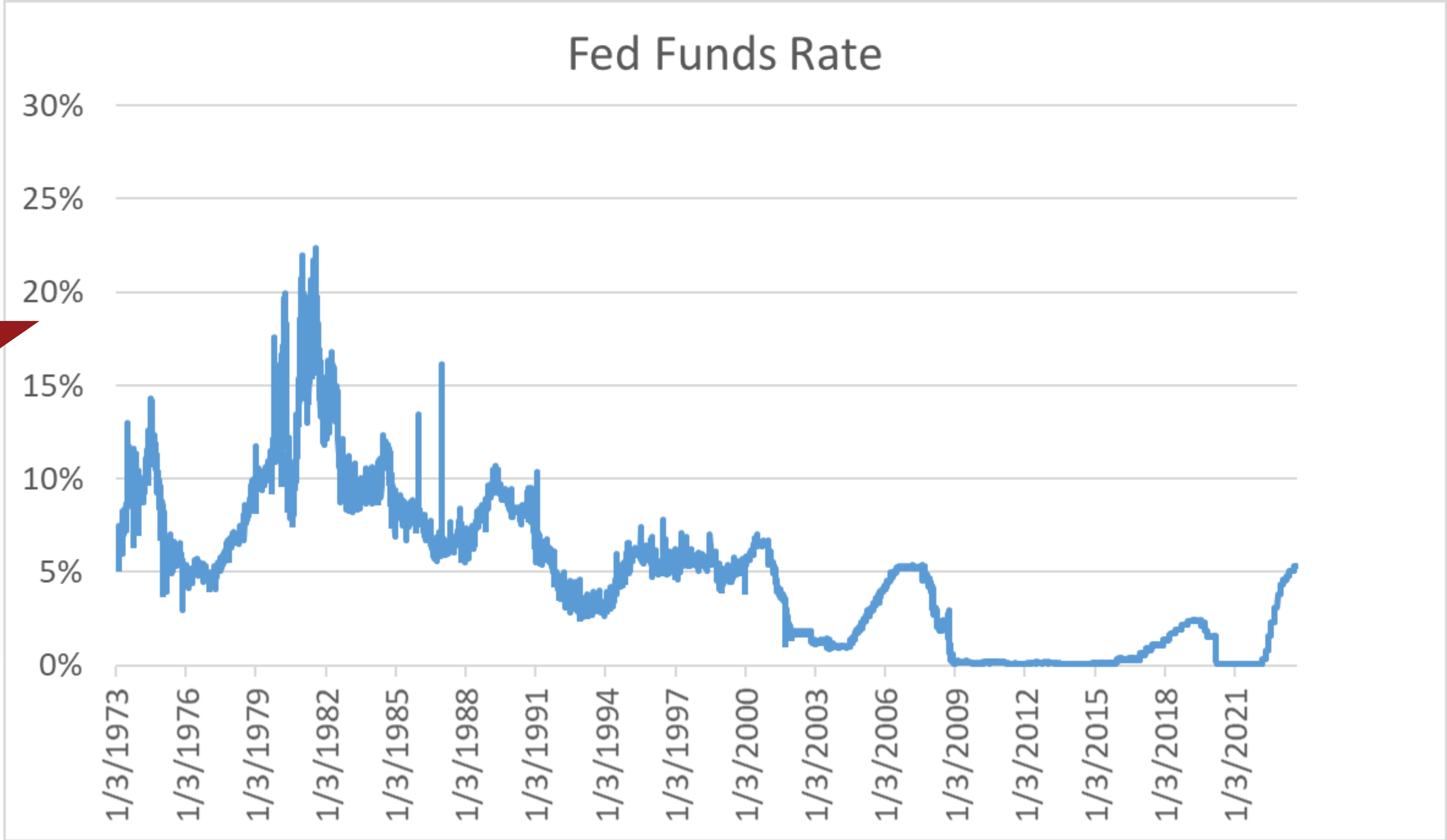
- Danish proverb

If you spend more than 13 minutes analyzing economic and market forecasts, you've wasted 10 minutes

- Peter Lynch

Article in the January 21, 2007 Billings Gazette about a soft landing for the economy. NEWSPAPERS.COM

ticle in the September 15, 1978 Desert Sun newspaper. NEWSPAPERS.COM



Projects In Advanced Development

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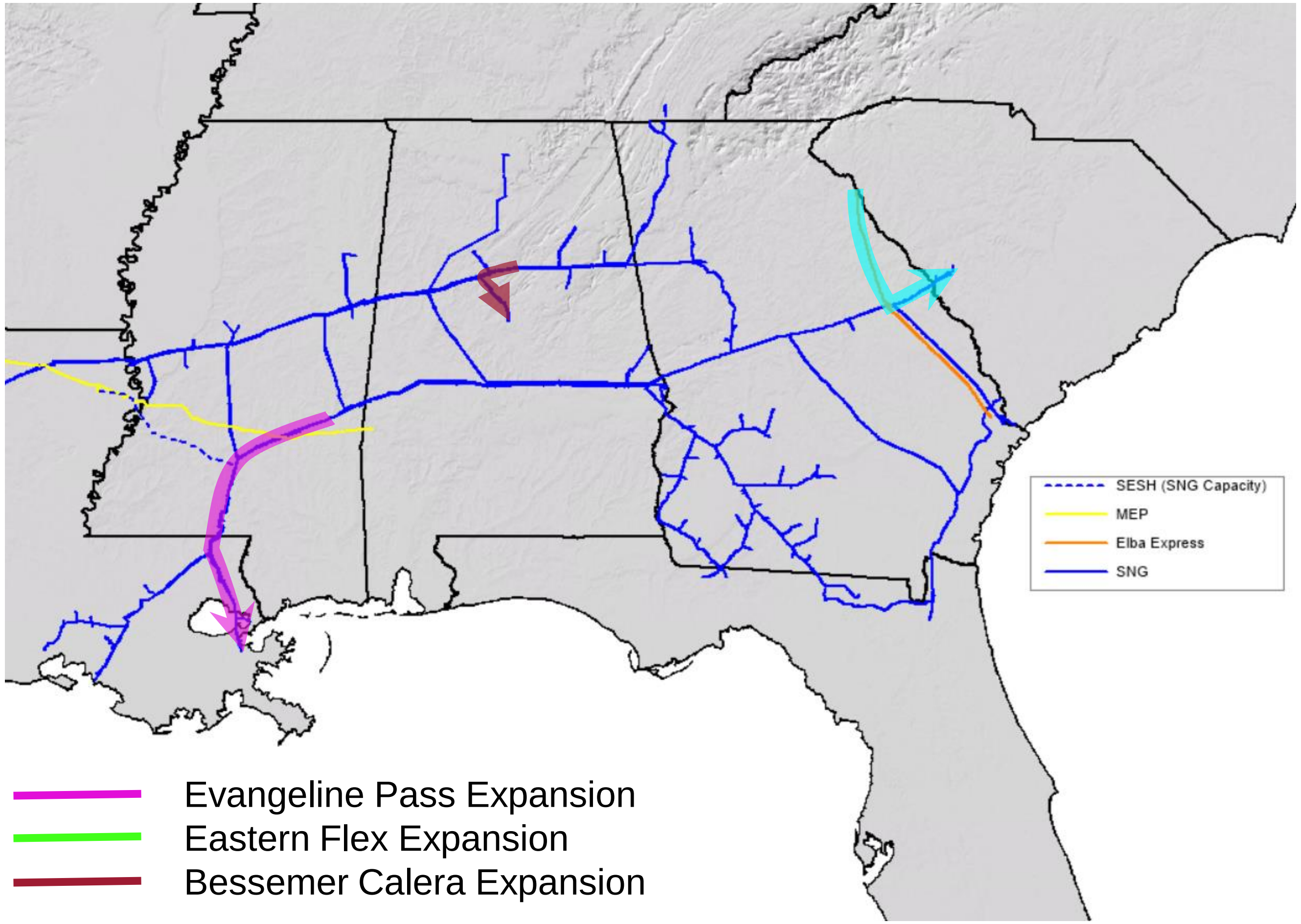
- Evangeline Pass Expansion
  - TGP leasing 1.1 Bcf/d from Rose Hill to Toca
  - Expected in service 3Q2025
  - Partial service as early as 3Q2024

- Eastern Flex Expansion
  - Seamless project for 6,100 Dth/d from Transco interconnect to Aiken, SC
  - Expected in service 4Q2024

- Bessemer Calera Expansion
  - ~30,000 Dth/d to Bessemer Calera Line
  - Expected in service 4Q2024



Projects Under Development

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Fairburn Expansion

- Increase capacity of Fairburn Compressor Station by ~50,000 Dth/d
- Service to South Main Zone 2 or Zone 3
- Expected in service 2Q2025 – 4Q2025

South System Expansion 4

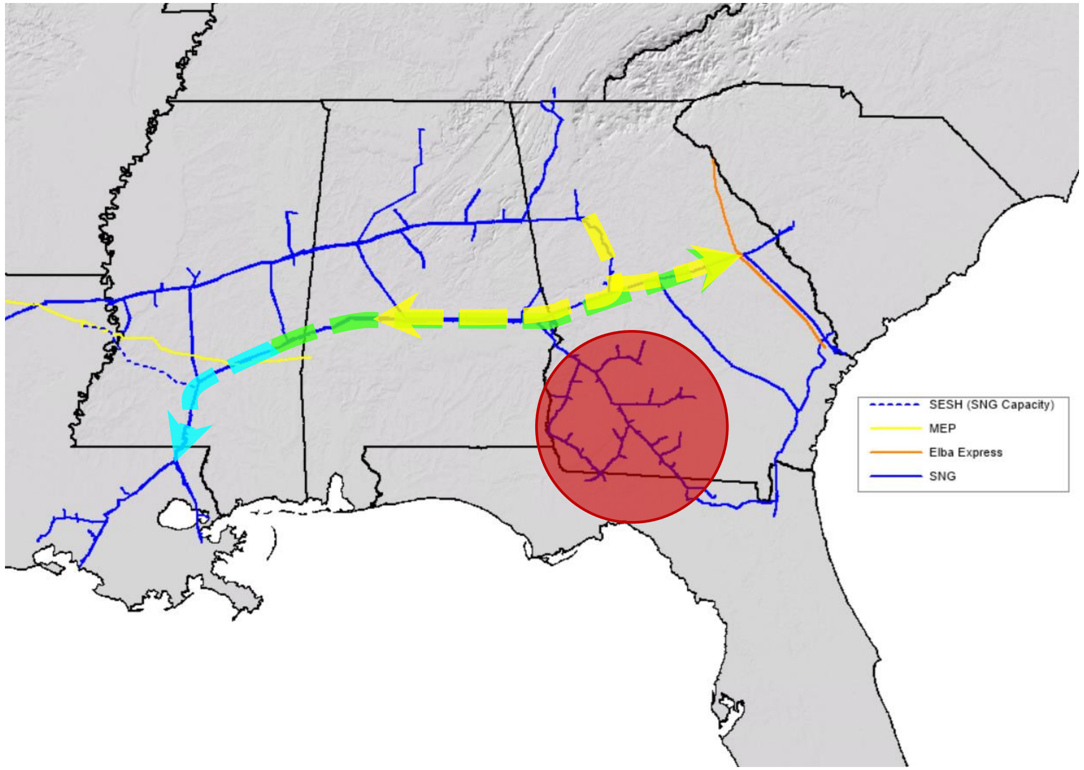
- A number of customers are interested in additional capacity along the South Main system
- Discussions are underway to determine whether there is enough demand for an expansion
- Likely in service between 2027 and 2029

South Louisiana Expansion

- Various parties continue to evaluate projects in South Louisiana
- These projects are considering service in the 2026 to 2028 timeframe

South Georgia

- Several parties expressed an interest in capacity on South Georgia
- Challenging part of our system so we're trying to find creative solutions
- Target in service of 2025 to 2027



The Case for Supply Enhancements

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- In June 2022 maintenance at Transco Station 60 reduced eastbound capacity by 500 MMcf/d
- Gas-fired generation across Texas and the Southeast was 2 Bcf/d higher than the prior three-year average
- Regional gas prices went from ~$5.50 on April 1 to over $14.00 in July
- LNG export demand expected to grow by 4 Bcf/d in the eastern Louisiana Gulf area over the next two years
  - There is a potential for even more LNG export demand
  - Other eastern Louisiana Gulf Coast projects could add another 800 MMcf/d of high load factor demand
- Increased demand will likely affect basis on regional pipes
  - MVP expected to mitigate basis but not close the gap

Supply Enhancement Project Ideas

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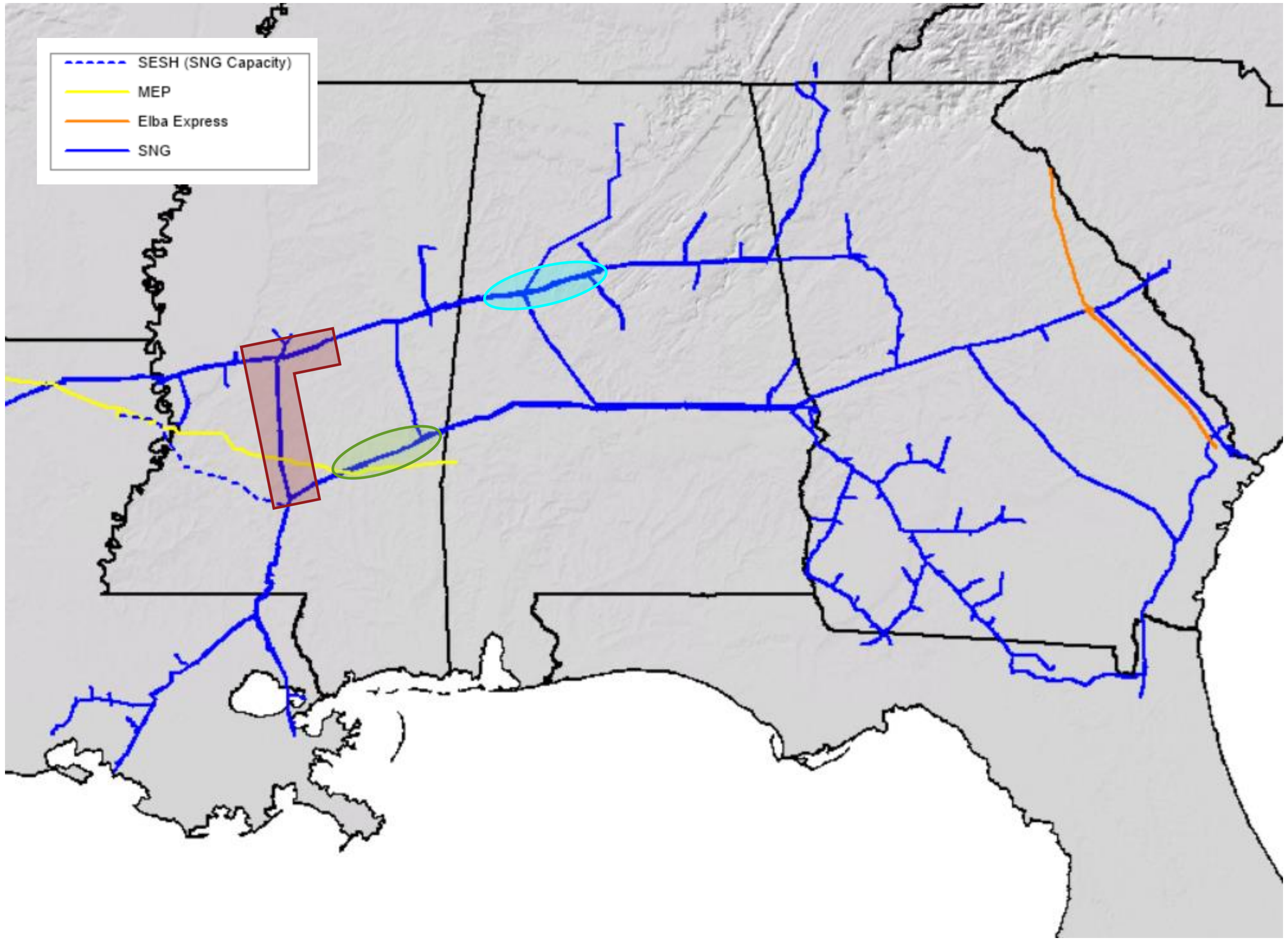
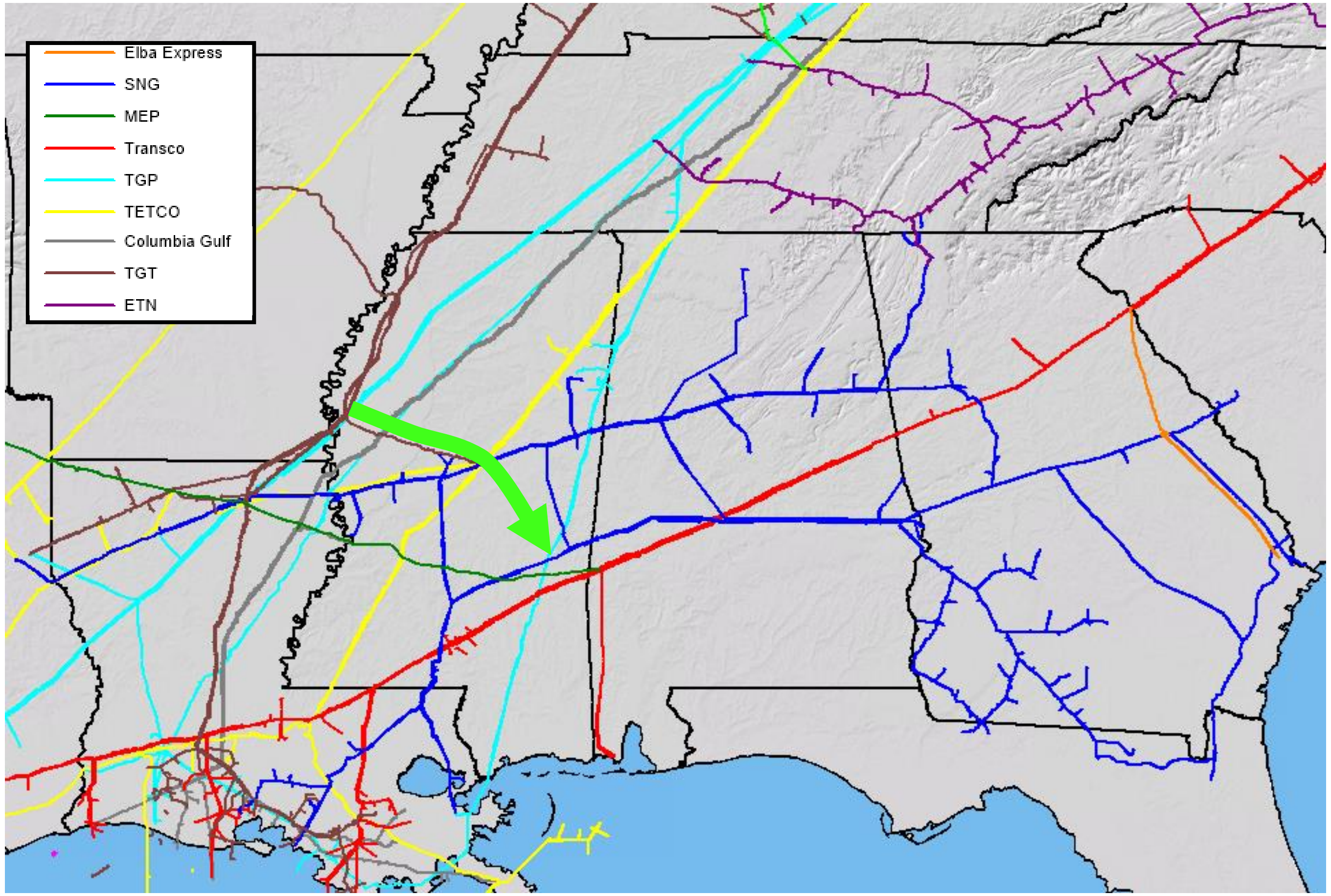
- North System
  - Improve access to TGP-Pugh interconnect
    - Targeting ~50,000 Dth/d
    - Requires piping and compressor mods between Reform and Providence Compressor Stations
- South System
  - Improve access to MEP
    - Targeting 200,000 Dth/d
    - Requires piping and compressor mods between Bay Springs and Enterprise Compressor Stations
  - Improve access to Kosci
    - Targeting 125,000 Dth/d
    - Requires compressor additions at Pickens and Rankin Compressor Stations and piping mods at Gwinville Compressor Station



Mississippi Crossing

- Jointly developing project with TGP for a new pipeline from Greenville, MS area to Rose Hill
  - 42" pipeline
  - Two mainline compressor stations
  - Interconnects:
    - TGP 100 Line
    - Columbia Gulf
    - TGP 800 Line
    - Texas Gas
    - Texas Eastern
  - ~2 Bcf/d of capacity
- SNG shipper participation
  - Lease/undivided interest
  - Individual shipper participation
- Potential for capacity lease on TGP to Pugh
- Competitive rates



Summary

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- Several projects have been placed in service in the past year
- Several more projects expected to go in service in 2024/25
- Potential for significant additional projects over the next 5 – 7 years
- Increased regional demand will compete for existing supplies
  - Likely to increase regional basis if no supply enhancement projects are built
  - Smaller “incremental” supply projects can help but a larger project is needed
- Mississippi Crossing could provide access to new supplies for the region

Questions?

KINDER MORGAN

Delivering Energy to Improve Lives

Regulatory Update

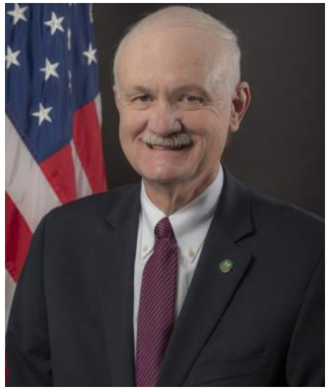
Dave Dewey
Vice President – Regulatory Affairs

October 11, 2023

The Federal Energy Regulatory Commission

Southern Natural Gas Company, L.L.C.
a Kinder Morgan operated company

The Commissioners


Commissioner
Christie


Commissioner
Clements


Commissioner
Danly


Chairman
Phillips

FERC Developments

- Chairman Glick's term expired in 2022 and he left the Commission
- No further developments on nominees for a fifth FERC Commissioner
  - Commissioner Danly's term expired June 30, 2023 – Potential for a "package deal"
    - Danly may serve until Congress adjourns at the end of 2023
  - There are whispers that Commissioner Danly may not be seeking an additional term
- One of the best four-member Commissions in the agency's history (so far)

FERC Outreach

- We invest significant time and effort with our regulators
- We focus on being solutions oriented
- Good regulatory relationships enable us to provide increased value to our customers

Possible nominees for fifth FERC Commissioner

- Judy Chang – Former Undersecretary of Energy & Climate Solutions / Massachusetts Executive Office of Energy & Environmental Affairs
- Matthew Christiansen – Current FERC General Counsel
- Rick Kessler – Senior Democratic adviser for the House Energy and Commerce Committee

Rebalancing the Value Proposition

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a Kinder Morgan operated company

Certificating Transportation Infrastructure

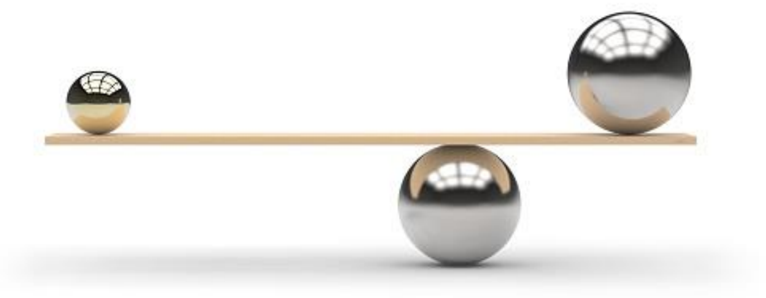
- September 1999 – FERC issues certificate policy statement to provide industry certainty
  - Works flawlessly for almost two decades
- February 2018 – FERC decides it wants to revisit its certificate policy statement
- February 2022 - Updated Certificate Policy Statement and Interim GHG Policy Statement
  - New policy statement is essentially a balancing test with a heightened emphasis on (1) **need**, (2) analyzing **adverse effects**, and (3) **environmental justice**
  - Project sponsors are responsible for avoiding direct and indirect impacts to the greatest extent possible
- March 2022 – Converted the new policy statements to **drafts**

Creating Services Customers Need

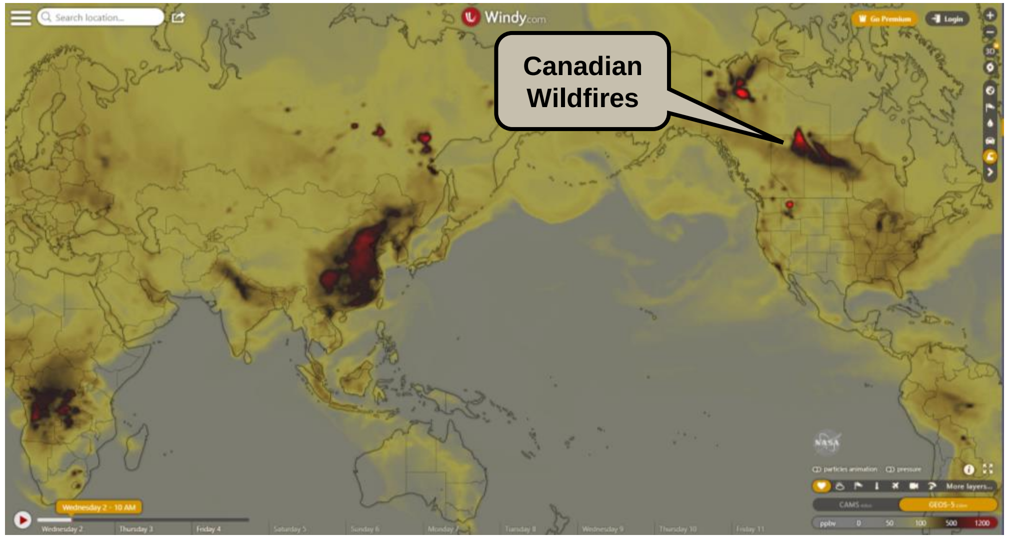
- Renewable Energy = Intermittency
  - Solutions to Intermittency → Storage, Hourly Services
- FERC's 2nd New England Winter Gas-Electric Forum (June 20, 2023)
  - Highlighted deep divisions in policymakers' and stakeholders' views on energy

Envisioning Services Customers Want

- How can we help you to meet your reduced carbon intensity goals & mandates?
  - Certifying the pipeline
  - Reducing the carbon intensity of the transportation path
- How do we unlock the value proposition?



CO_2 Emissions Map



What problem are we trying to solve?

Environmental Justice

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a Kinder Morgan operated company

Roundtable on Environmental Justice and Equity in Infrastructure Permitting

- On March 29, 2023, the FERC held a Commissioner-led roundtable to discuss environmental justice and equity in its jurisdictional infrastructure permitting processes
  - Panel 1: Priorities for Advancing Environmental Justice and Equity in Infrastructure Permitting
  - Panel 2: From the Front-Line: Impacted Communities and their Everyday Challenges
  - Panel 3: Identifying, Avoiding, and Addressing Environmental Justice Impacts
  - Kinder Morgan participated on Panel 3
- Some calls to block pipeline infrastructure solely on the basis of environmental justice
- Chairman Phillips encouraged all the feedback but cautioned that FERC has to act within the law and said a lot what was raised is "nonjurisdictional."
  - "*We have to approve things that are brought to us and fit within that law*" and FERC's precedents, he said. "*That is a part of the job of FERC whether you like it or not.*"

Responsible Infrastructure Development Is Imperative

- The industry has always been a good neighbor
- There are opportunities for us to be even better

Mountain Valley Pipeline

- October 2015 – Certificate application filed
- October 2017 – FERC certificate issued
- Early-2018 – Construction began (projected in-service late-2019)
- 2018-2023 – Multiple judicial appeals & stays (primarily 4th Circuit Court of Appeals)
- July 27, 2023 – U.S. Supreme Court paves the way for completion of the project
- Did the Mountain Valley Pipeline Project truly affront environmental justice in the region?

General Legislative/Regulatory Developments

Southern Natural Gas Company, L.L.C.
a Kinder Morgan operated company

Lower Energy Costs Act

- On March 30, 2023, the House of Representatives approved by a bipartisan vote H.R. 1, the Lower Energy Costs Act → First major legislative initiative in the 118th Congress
- Possesses the ability to improve federal permitting processes for interstate natural gas pipelines, as well as other energy infrastructure projects.
- Clarifies the scope of an agency's National Environmental Policy Act (NEPA) analyses on proposed projects and its focus on feasible alternatives
- Strengthens the FERC's primary permitting role on natural gas infrastructure
- Recognizes the export of natural gas as being in the public interest
- Unlikely to pass in the Senate

Good Neighbor Rule

- Environmental Protection Agency (EPA) rule promulgated on March 15, 2023
  - Aimed at significantly reducing smog-forming nitrogen oxide pollution from power plants and other industrial facilities in 23 states
  - Also includes natural gas pipeline compressor stations
  - The rule as currently written requires compliance by May 1, 2026
- Cost of compliance for Kinder Morgan and SNG is <u>material</u>
- SNG has ~47 units impacted by the Rule
- <u>Actual</u> compliance timeline projected to extend to more than 6 years
- Litigation has been commenced by Kinder Morgan, INGAA, and numerous other parties

What's on the Horizon?

Southern Natural Gas Company, L.L.C.
a Kinder Morgan operated company

Certainty & Stability

- Aiming for a new settlement and moratorium to afford customers, shippers, and SNG a renewed period of regulatory certainty and stability
- All-customer meeting & presentation next week, October 19th
  - Costs are increasing (but manageable)
  - SNG will present a comparison of actual versus projected costs (2022 versus 2024)
  - SNG will provide an opening settlement offer
  - Aiming to settle late-2023 to early-2024 and avoid rate case filing requirement

Political Challenges

- The climate in Washington, DC is presenting headwinds for the natural gas and fossil fuels industries

Opportunities

- The challenges presented by the winter of 2013-2014 (one of the coldest on record), the Polar Vortex (2019), Winter Storm Uri (2021), and Winter Storm Elliott (2022) demonstrate the need for natural gas and reliable transportation/storage infrastructure
- Americans are embracing renewable energy
  - 67% of U.S. adults prioritize…
    - developing alternative energy sources, such as wind and solar, over expanding the production of oil, coal and natural gas
    - taking steps to become carbon neutral by 2050
  - At the expense of affordability? Reliability?
    - The Institute for Energy Research estimates that wind power is about twice as expensive as conventional gas-fired power, and that solar power is almost three times as expensive

Path Toward Solutions

- How can we collaborate to shape the views of policymakers (particularly at the state level)? How can we tailor services?