

Welcome to our Microsoft Teams ANR Monthly Customer Update!

- Participants will be in “listen only” mode throughout the presentation
- You do not have to advance the slides, they will be advanced by the facilitator
- Questions will be at the end of the presentation. You can type a question related to the presented material during the presentation or at the end during the Q & A session when announced. Please click on the Q&A icon at the top of the screen to access the chat functionality.
- Thank you for your patience, we will begin shortly!

The screenshot shows a Microsoft Teams meeting window titled "ANR Monthly Customer Update - Microsoft Teams Internal Presentation". The top toolbar includes icons for People, Chat, Raise, Rooms, Q&A (circled in red), Apps, More, Camera, Mic, Share, and a red "Leave" button. The main meeting area displays a large circular profile picture with the initials "DP" and the text "Waiting for others to join...". On the right side, a "Q&A" panel is open, showing a "DP Ask a question" input field and a "There are no conversations." message with a speech bubble icon.



ANR Monthly Customer Update

MAY 2023

MAY 25, 2023



Agenda



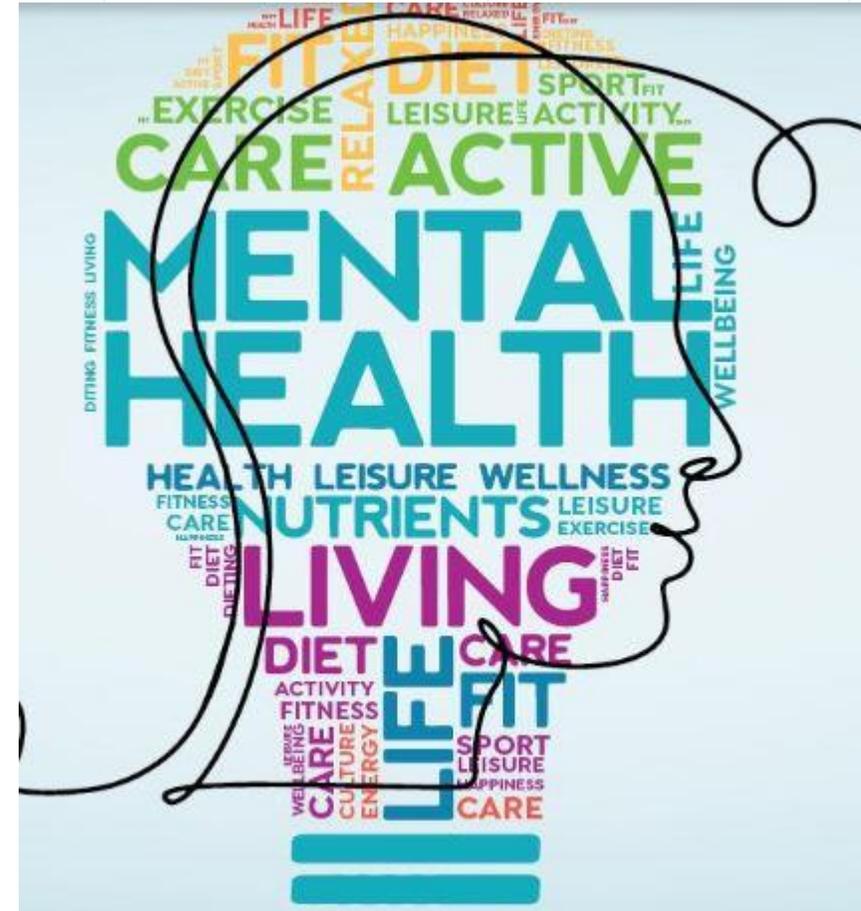
- 1. Safety moment and TC Energy update**
DeAnna Parsell, Noms & Scheduling
- 2. Storage update**
Eric Tawney, Operations Planning
- 3. Operational update**
Kevin Pham, Operations Planning
- 4. Noms & scheduling update**
DeAnna Parsell, Noms & Scheduling

Safety moment

Mental Health tips:

- Have a routine
- Eat well
- Keep active
- Ask for help
- Have fun
- Open windows
- Help others
- Take deep breaths

Take care of your mental health & well being





“Continuous access to affordable and reliable energy is essential as we progress toward our ability to meet demand with lower emitting sources of energy.”

TINA FARACA,
PRESIDENT, U.S. NATURAL GAS

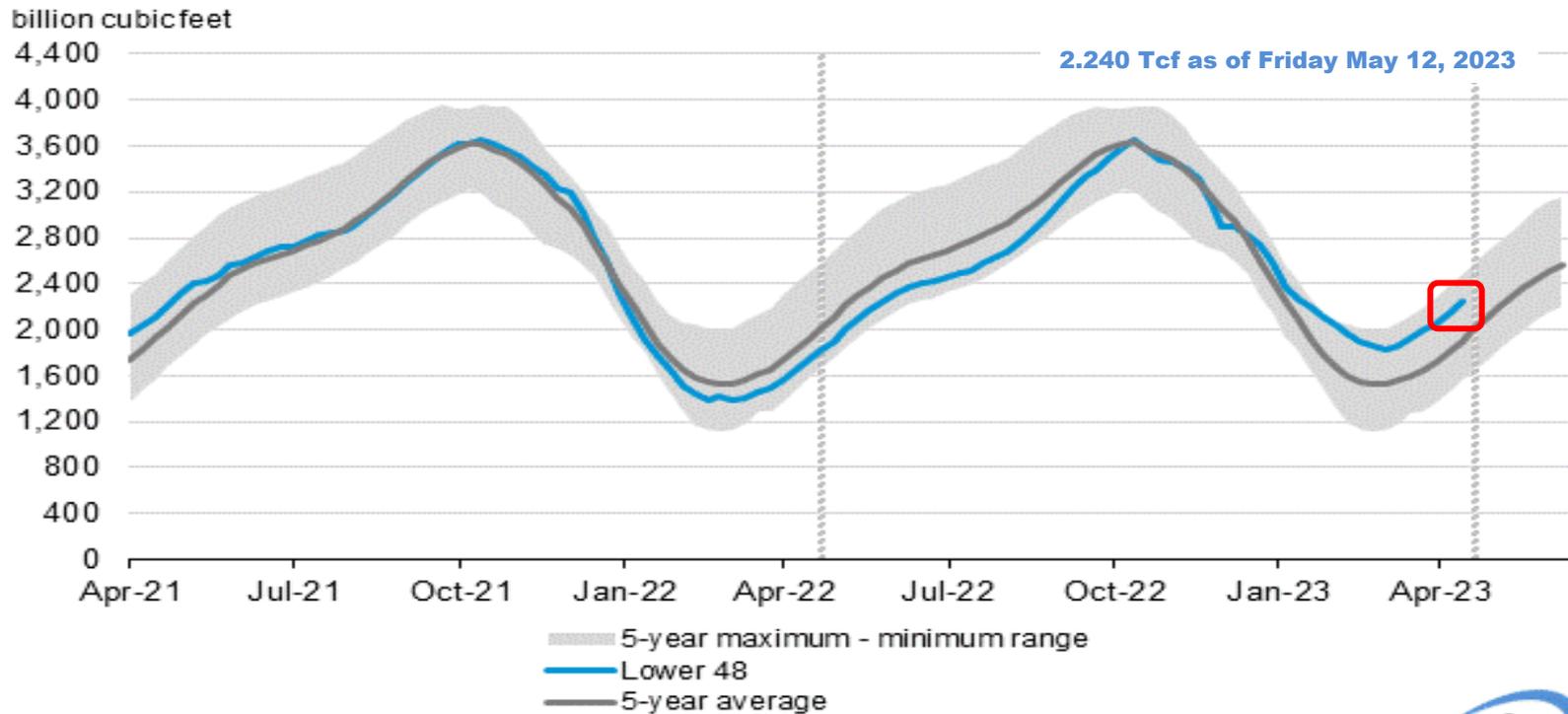
Storage update

Eric Tawney – Operations Planning

EIA storage position: The big picture

Working gas in underground storage compared with the five-year maximum and minimum

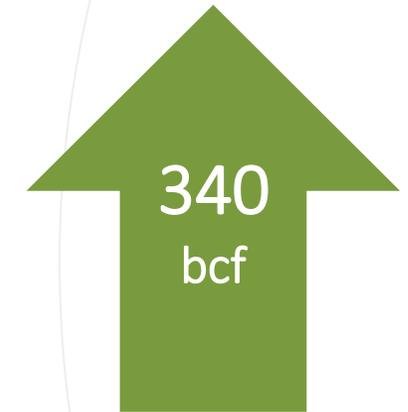
Working gas in underground storage compared with the 5-year maximum and minimum



Data source: U.S. Energy Information Administration



more than May 2022

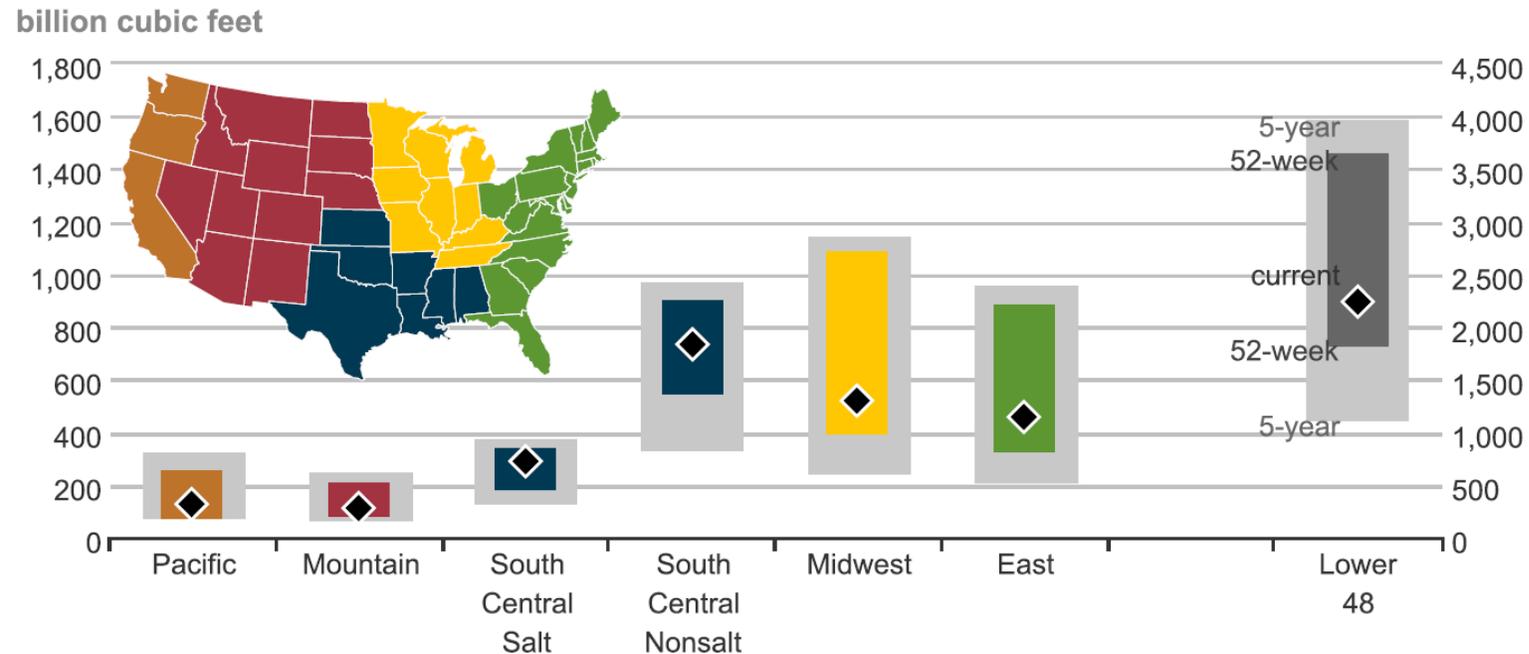


*above the
five-year average*



EIA storage position: The big picture

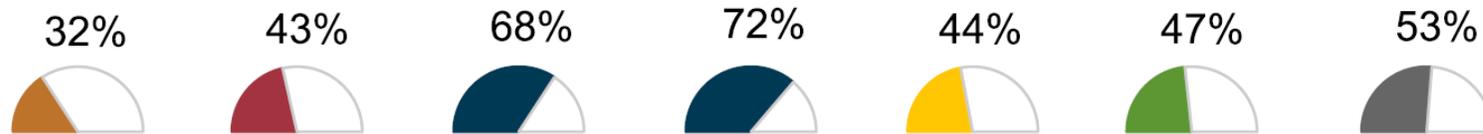
Underground working natural gas storage summary as of May 12, 2023



Lower 48
 current: 2,240
 5-year min: 1,107
 5-year max: 3,958
 52-week min: 1,819
 52-week max: 3,644

Midwest
 current: 520
 5-year min: 240
 5-year max: 1,139
 52-week min: 394
 52-week max: 1,084

Underground storage capacity utilization

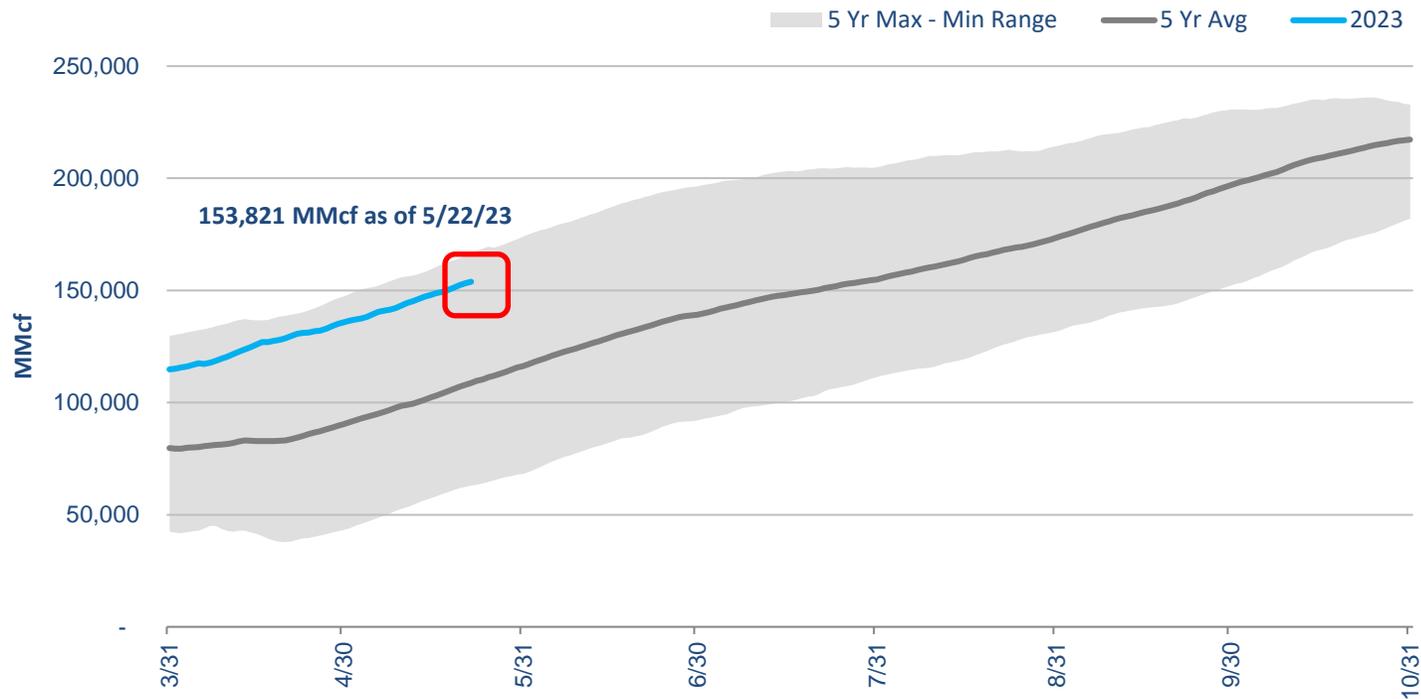


Source: U.S. Energy Information Administration



Storage position

Working gas in underground storage compared with the five-year maximum and minimum



55 bcf

more than May 2022

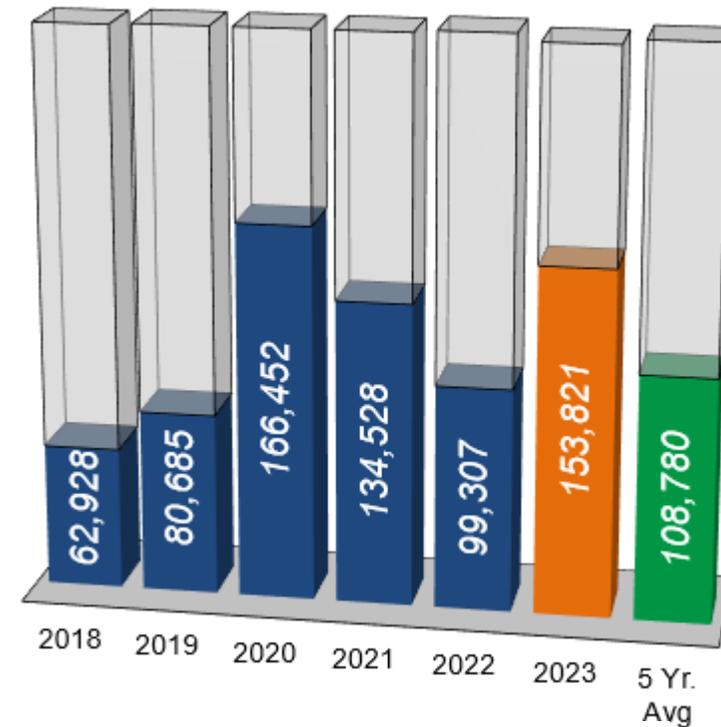
45 bcf

more than five-year average



Storage operations

- From Tuesday, April 18 – Tuesday, May 22 storage activity averaged an injection rate of 768-MMcf/d. Daily activity varied from a max injection rate of 1.14-Bcf/d to a min injection rate of 179-MMcf/d.
- Storage capacity is at 63 percent, 2 months into the injection season with over 5 months remaining.
- ANR has met all firm customer demand for storage activity.
- There is currently one posted restriction on storage activity. Until further notice, DDS and MBS account inventory levels will be restricted to equal or less than April 17 allocated levels starting September 29.



**Total Storage is
63% Full**



Storage operations

- Storage activity is primarily on injection, but withdrawals are still possible under certain conditions.
- ANR has completed its spring storage field shut-ins to set the fields up for injection.
- The available capacity will continue to be reflected on the EBB under the operationally available capacity



Operational update

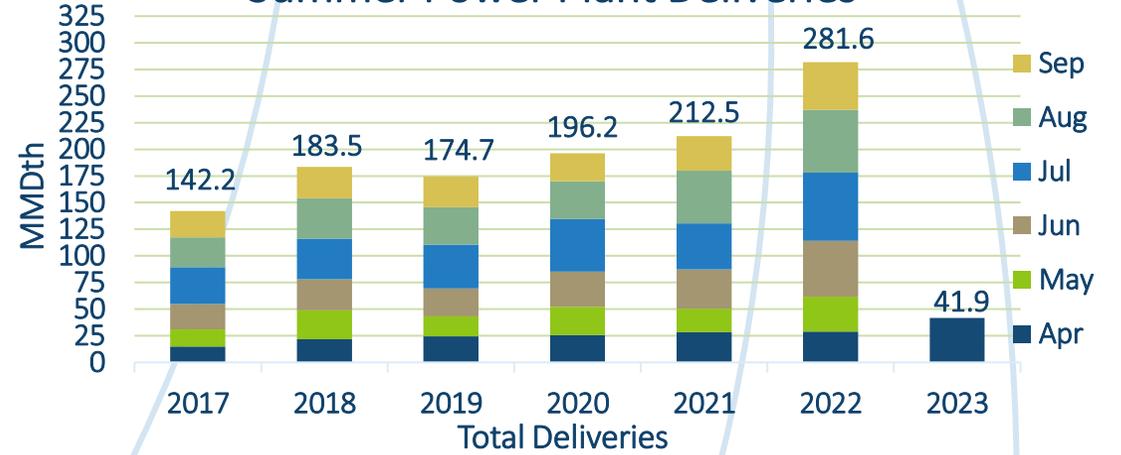
Kevin Pham – Operations Planning

ANR monthly deliveries to power plants

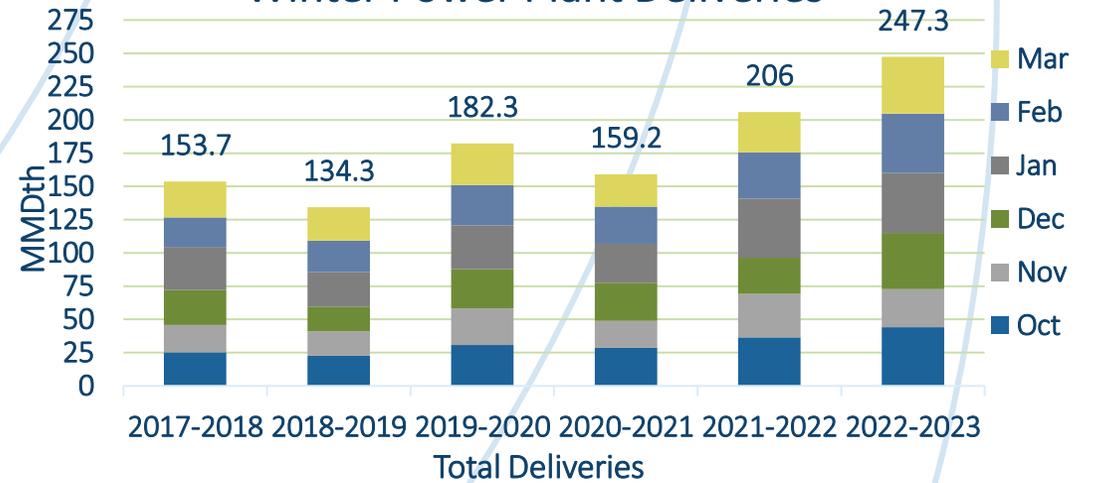
Total Monthly Power Plant Deliveries



Summer Power Plant Deliveries



Winter Power Plant Deliveries



Capacity impacts (Market Area & Storage)

		Cap (MMcf/d)		May							June																														
Dates	Area/Segment/Location	Impact	Avail																																						
Market Area & Storage				25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Marshfield/Viking Int (LOC #28873)																																									
6/2 - 6/11	Integrity Digs	150	100																																						
St. John Eastbound (LOC #226633)																																									
6/27	ILI ANR 1-100 St John to Bridgman	405	919																																						
6/28	ILI ANR 1-100 St John to Bridgman	650	674																																						
6/30	ILI ANR 1-100 St John to Bridgman	774	550																																						
Bridgman Northbound (LOC #226632)																																									
5/24 - 5/25	Bridgman ESD and Valve Inspection	365	1,235																																						
6/6 - 6/9	ILI ANR 1-100/2-100 Bridgman to Hamilton	460	1,140																																						
6/12 - 6/13	ILI ANR 1-100/2-100 Bridgman to Hamilton	650	950																																						
Joliet NGPL (LOC #2610)																																									
5/23 - 5/25	Joliet CS ESD & Valve maintenance	N/A	FPO																																						
Joliet (MGT-REC) (LOC #48641)																																									
5/23 - 5/25	Joliet CS ESD & Valve maintenance	N/A	FPO																																						
Youngs Road Delivery (LOC#523090)																																									
5/23 - 5/25	Joliet CS ESD & Valve maintenance	N/A	FPO																																						



Capacity impacts (SE Area)

		Cap (MMcf/d)		May							June																													
Dates	Area/Segment/Location	Impact	Avail																																					
Southeast Area				25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Stingray Int (LOC #135819)																																								
8/20/22 - 7/1/2023	Pipeline - Integrity Issue / Hurricane Laura Damage	N/A	Shut In	[Green shaded cells]																																				
Multiple Meters - Cameron Area																																								
10/20/22 - 7/1/2023	Meter Station - Hurricane Laura Damage	N/A	Shut In	[Green shaded cells]																																				
Eunice Southbound (LOC #226641)																																								
5/24 - 5/25	Grand Chenier CS Skid Inspection	178	900	[Yellow shaded]																																				
6/15	Mermentau CS unit 1 C&M inspection	628	450																									[Red shaded]												



Capacity impacts (SE Mainline)

		Cap (MMcf/d)		May							June																														
Dates	Area/Segment/Location	Impact	Avail																																						
Southeast Mainline				25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Jena Southbound (LOC #9505489)																																									
6/13 - 6/16	ILI Run Delhi to Jean	150	1,157																																						
Brownsville Southbound (LOC #1260569)																																									
6/6	Brownsville CS Unit 9 Solar Wash	239	988																																						
Defiance Westbound (LOC #505605)																																									
5/9 - 5/25	Integrity Digs 0-504 MP65.93	165	520																																						
6/1 - 6/15	Integrity Digs 1-504 MP61.78 & MP66.21	165	520																																						
6/26 - 7/7	Integrity Digs 1-504 MP47.8	165	520																																						
Delhi Southbound (LOC #1379345)																																									
5/23 - 5/28	Integrity Dig	231	983																																						
5/29 - 6/7	Integrity Dig	186	1,028																																						
6/13 - 6/22	1-501 Piperton pipe replacement	145	1,069																																						
6/26 - 7/6	0-501 Piperton pipe replacement	145	1,029																																						
Midcontinent Express (LOC #8033183)																																									
5/29 - 6/7	Integrity Dig	N/A	FPO																																						



Outage postings

- Service impacts are estimates. Actual nominations, markets, weather and pipeline conditions determine any level of curtailments.
- Projects may be added, altered, delayed or cancelled. Emergent work cannot be planned and will happen from time to time.
- Notice of such planned work, including additions or changes, will be provided via a posting under the Planned Service Outage (PSO) category in GEMS. Emergent work will be posted under the Critical Notice category as soon as possible.



Nominations & Scheduling update

DeAnna Parsell – Noms & Scheduling

Extreme condition situation notices – phased philosophy

During peak summer periods, ANR can declare an extreme condition situation when:

- Any portion of ANR's system throughput approaches capacity
- Extreme weather conditions exist
- ANR experiences operating pressures that can be significantly greater or less than normal operations, such that ANR's ability to receive or deliver quantities of gas to meet service obligations is impaired

These phases are generally applied and are subject to change based on operating conditions in order to ensure system integrity.

Extreme Conditions overview: Phase 1 – 3

Phase 1: Post a weather advisory indicating warm weather is forecasted and shippers should align receipts and deliveries daily and hourly to minimize imbalances to support system integrity.

- Guidance for notice is forecast for Chicago and/or Madison & Milwaukee, Wisc., and/or Detroit where high temperatures are more than 78° F for two or more consecutive days or other operational conditions exist.

Phase 2: Post Declaration of Extreme Condition Situation indicating the area(s) of ANR's system that are impacted and lowering the Swing Percentage from 10% to 5%. All receipt and delivery services, excluding ETS and FTS-3 services, to be at a uniform hourly flow rate over a twenty-four (24) hour period. ETS and FTS-3 shippers are required to be at their contractually agreed upon hourly rate. Requests for interruptible and overrun services including ANR's hourly ITS-3 service will be evaluated on a case-by-case basis.

- Guidance for notice is forecast for Chicago and/or Madison & Milwaukee, Wisc., and/or Detroit where average temperatures are more than 84° F for two or more consecutive days or other operational conditions exist.

Phase 3: Issuance of an OFO (Operational Flow Order) may be applied at a *single location*, area, or the whole system.

- Guidance for an OFO notice is System Integrity Requirements or Determination of Unacceptable Shipper(s) behavior.





Power desk contact

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ICE: ddotson

ANR customer assistance

Please contact the ANR Noms & Scheduling team for customer assistance, including:

- Scheduling priorities
- Firm service rights and features
- GEMS new user training
- Virtual and face-to-face meetings



TOLL FREE

1-800-827-5267



GROUP EMAIL

ANR_Noms_Scheduling@tcenergy.com



WEBSITE FOR THE ANRPL
TARIFF

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