## ANR Monthly Customer Update

SEPTEMBER 2022



## Agenda



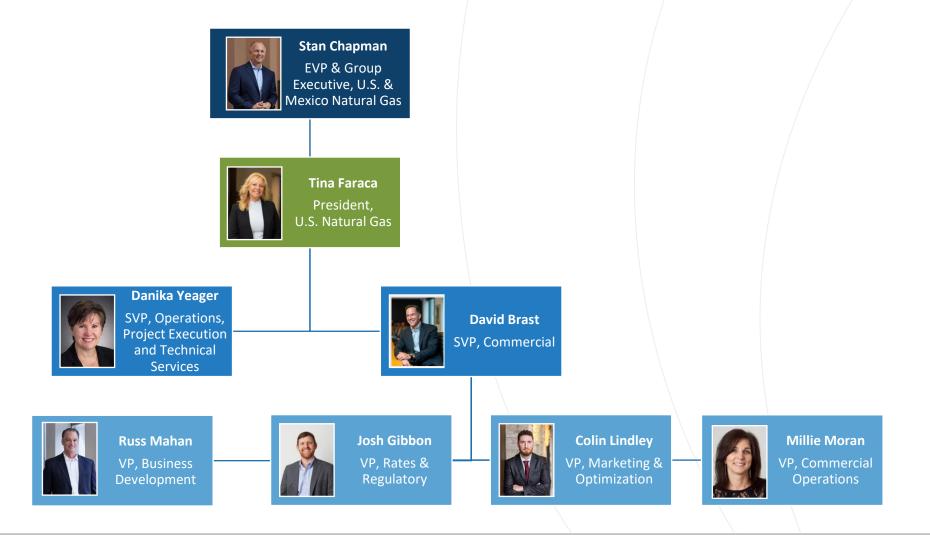
- Safety moment and TC Energy update
   DeAnna Parsell, Noms & Scheduling
- Storage updateEric Tawney, Operations Planning
- 3. Operational update
  Kevin Pham, Operations Planning
- 4. Noms & scheduling update
  DeAnna Parsell, Noms & Scheduling



#### Safety moment: Hurricane preparedness

- Stock up on and keep car full of gas
- Bring patio furniture and outdoor items inside
- Protect your home to reduce damage
- If recommended: turn off gas, water and other utilities
- Purchase a battery-powered radio
- Keep cash on hand
- Keep First-aid kit and cell phone chargers available
- Stock up on food and supplies
- Understand your insurance policy
- Stock up on infant and pet supplies as needed

#### **USNG & Commercial leaders**



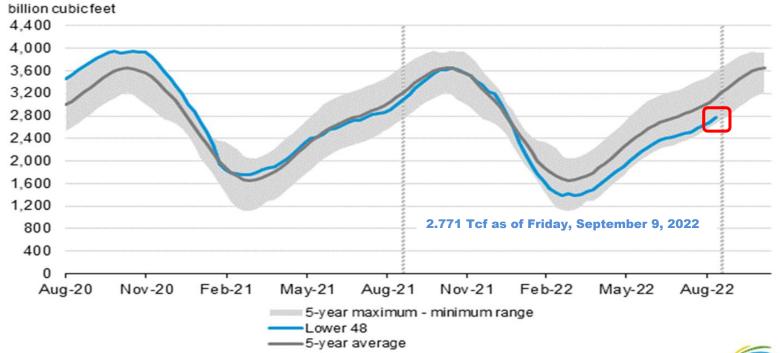
## Storage update

Eric Tawney – Operations Planning

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#### EIA storage position: The big picture

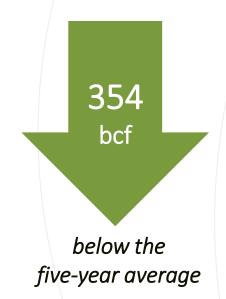
Working gas in underground storage compared with the five-year maximum and minimum



Source: U.S. Energy Information Administration



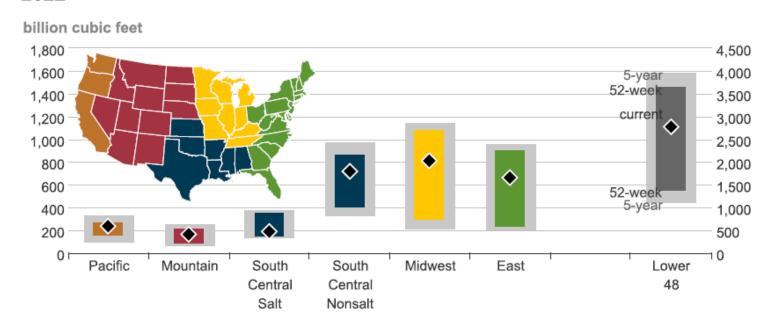
less than September 2021





#### EIA storage position: The big picture

Underground working natural gas storage summary as of September 9, 2022



#### Underground storage capacity utilization



Source: U.S. Energy Information Administration

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Lower 48

current: 2,771

5-year min: 1,107

5-year max: 3,958

52-week min: 1,382

52-week max: 3,644

Midwest

current: 809

5-year min: 211

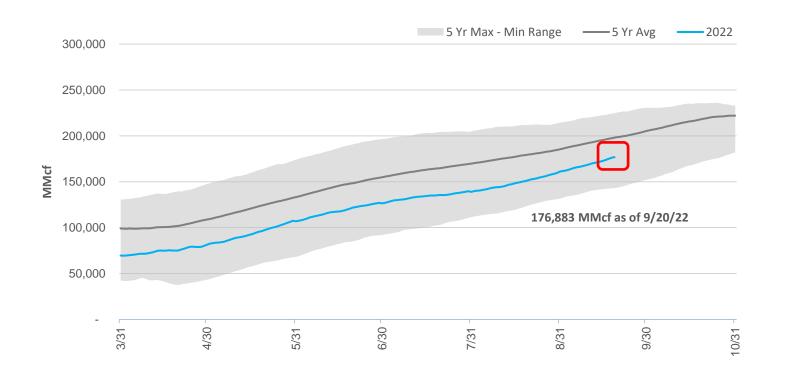
5-year max: 1,139

52-week min: 293

52-week max: 1,079

#### Storage position

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



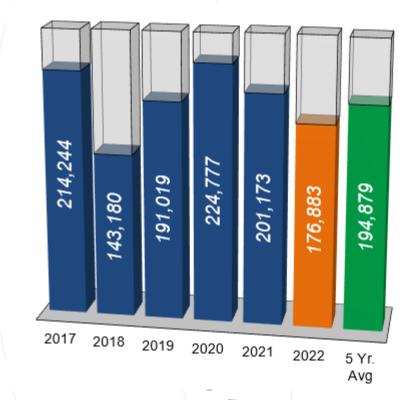


less than September 2021



#### Storage operations

- From Wednesday, August 23 Tuesday, September 20, storage activity averaged an injection rate of 820-MMcf/d. Daily injection rate activity varied from a high of 1.2-Bcf/d to a low of 454-MMcf/d.
- Storage capacity is 71 percent full with roughly five weeks left in the injection season.
- ANR has met all firm customer demand for storage activity.
- There are currently no postings restricting storage activity and no planned restrictions on DDS capacity.





#### Storage operations

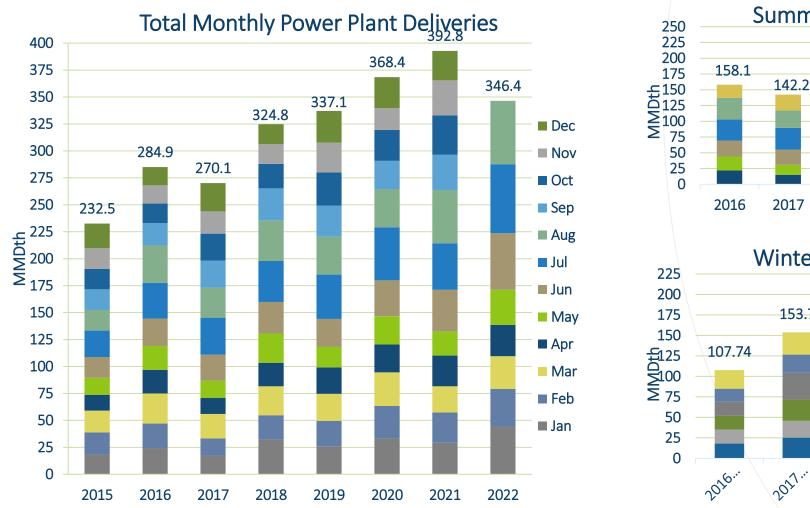
- Storage activity is primarily on injection, but withdrawals are still possible under certain conditions. The possibility of withdrawals will increase as the temperatures decrease and fall approaches.
- ANR will begin its fall storage field shut-ins to set the fields up for withdrawal starting in October. ANR will ensure sufficient withdrawal capacity is maintained to meet firm injection demand.
  - When needed, sufficient withdrawal capacity will be available to meet anticipated demand
- The available capacity will continue to be reflected on the EBB under the operationally available capacity

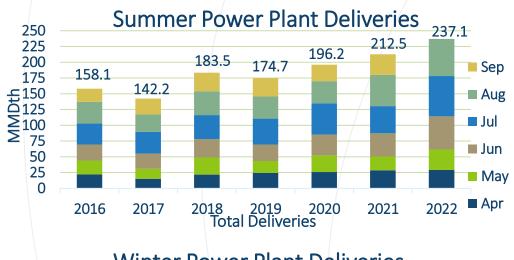
## Operational update

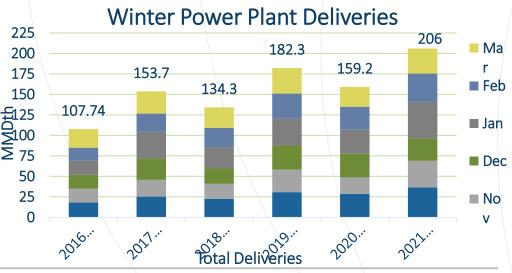
Kevin Pham – Operations Planning

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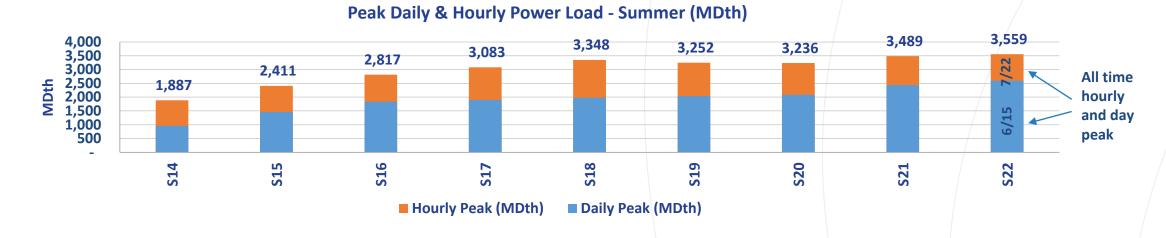
#### Monthly deliveries to Power Plants

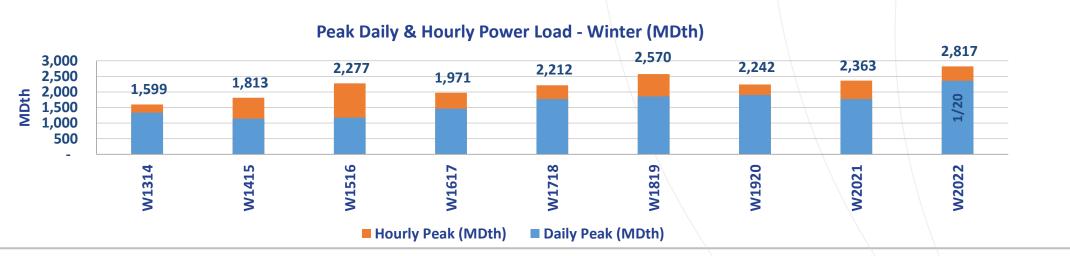






#### Peak daily & hourly Power Load by season





#### Capacity impacts (SW Mainline & Area)

		Cap (N	/Mcf/d)			_																													
Dates	Area/Segment/Location	Impact	Avail			Sel	pten	nbei	r														Oct	obe	er										
	Southwest Area & Mainline			21 2	22 23	24	25 2	6 27	28	29 3	0 1	. 2	3	4	5	6 7	8	9	10	11 1	2 13	14	15	16 1	7 18	19	20 2	1 22	23	24	25 26	27	28 2	9 3	31
	Southwest Mainline Northbound (LOC #226630)																																		
9/20 - 9/22	Enterprise CS C&M & Havensville CS Inspection and Test + Integrity Digs MP 527.87	110	580																																
9/23 - 10/1	Integrity Digs MP 527.87	70	620																																
10/3 - 10/7	ILI 1-100 Lineville CS to Birmingham CS + Integrity Digs MP 444.71	120	570																																
10/10 - 10/22	Havensville CS Recip Inspection & Fuse Rod Replacement + Integrity Digs MP 599.91	100	590																																
10/24 - 10/31	Integrity Digs MP 611.48	70	620								Ī																								

#### Capacity impacts (Northern area)

		Cap (I	MMcf/d)			C		L														_											
Dates	Area/Segment/Location	Impact	Avail			Sep	tem	iber														00	tok	er									
	Market Area & Storage			21 2	2 23	24	25 26	6 27	28 2	9 30	1	2	3	4 5	6	7 8	8 9	10	11	12	13 1	4 15	16	17 1	18 19	9 20	21	22 23	3 24	25 26	5 27	28 2	9 30 31
	Joliet (MGT-Rec) (LOC# 48641)																																
8/24 - 9/26	Integrity Digs	N/A	Shut-in																														
	Joliet (MGT-Del) (LOC# 4194)																																
8/24 - 9/26	Integrity Digs	N/A	Shut-in																														
	Joliet NGPL (LOC# 2610)																																
8/24 - 9/26	Integrity Digs	N/A	Shut-in																														
	Youngs Road Delivery (LOC# 523090)																																
8/24 - 9/26	Integrity Digs	N/A	Shut-in																														

### Capacity impacts (SE area)

		Cap (I	MMcf/d)			C4	l	L													O-+-	ober								
Dates	Area/Segment/Location	Impact	Avail		•	sept	teml	ber													Octo	oper								
	Southeast Area			21 2	2 23	24 2	5 26	27	28 29	30	1 2	3	4	5 6	7	8 9	10	11	12 13	14	15 1	.6 17	18 1	19 20	21 2	2 23 2	24 25	26 2	7 28	29 30 31
	Stingray Int (LOC #135819)																													
8/20 - 12/31	Pipeline - Integrity Issue / Hurricane Laura Damage	N/A	Shut In																											
	Multiple Meters - Cameron Area																													
10/20 - 12/31	Meter Station - Hurricane Laura Damage	N/A	Shut In																											
	Shadyside/TGP Rec (LOC #467239)	•																												
1/6 - 12/31	Meter Equipment Issue	N/A	Shut In																											
	Shadyside/TGP Del (LOC #467240)																													
1/6 - 12/31	Meter Equipment Issue	N/A	Shut In																											

#### Capacity impacts (SEML)

		Cap (N	/Mcf/d)			_																										
Dates	Area/Segment/Location	Impact	Avail			Sept	tem	ber														Octo	ober									
	Southeast Mainline			21 2	2 23	24 2	25 26	27	28 2	30	1	2	3 4	5	6	7 8	9	10	11 1	2 13	14	15 1	6 17	18 1	9 20	21 22	23	24 25	26	27 28	29	30 31
	Brownsville Southbound (LOC #1260569)																															
10/25 - 10/27	Brownsville CS Unit 9 Solar Mars Inspection	190	1,104																													
	Cottage Grove Southbound (LOC #505614)																															
9/8 - 10/28	Integrity Digs	245	903																													
	Delhi Southbound (LOC #1379345)																															
9/27 - 9/29	Delhi CS Unit 208 Turbine Soak Wash & Inspection	116	983																													
10/30 - 10/31	Integrity Digs	150	949																													
	Defiance Westbound (LOC #505605)																															
10/29 - 10/31	Integrity Digs	125	560																													

#### 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

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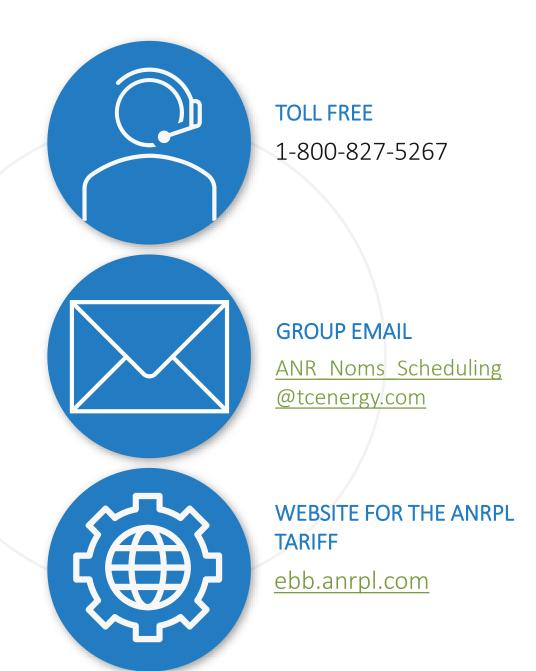
#### **DDS Invoice Change**

- Prior to August 1, 2022, interruptible Deferred
  Delivery Service (DDS) charges were calculated using
  the <u>average</u> daily storage balance as determined at
  the end of each month
- Effective August 1, 2022 (and subject to refund pending the outcome of the filing in Docket No RP22-501), DDS will be calculated using the <u>ending</u> daily storage balance
- Similar to how IPLS is billed
- You will now see an added column for daily ending balances on the invoice
- Adjustments prior to August 1, 2022, will use the old calculation

# 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



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