# **ANR Monthly Customer Update**

September 2021

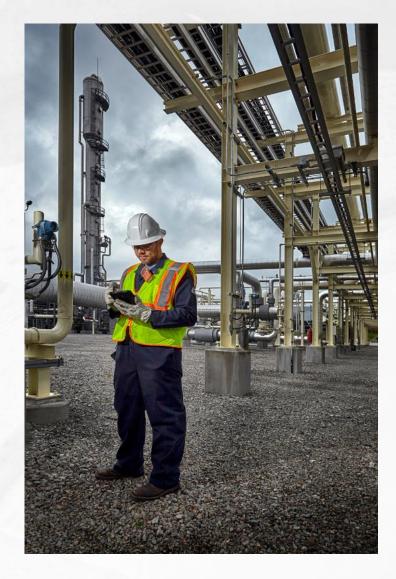


#### Agenda

1. Safety moment & TC Energy update DeAnna Parsell, Noms & Scheduling

- 2. Storage update Eric Tawney, Operations Planning
- 3. Operational update Michael Gosselin, Operations Planning

4. Noms & Scheduling update DeAnna Parsell, Noms & Scheduling



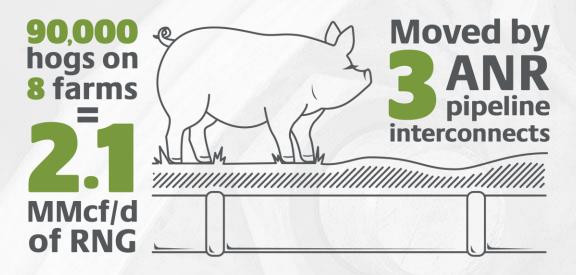


#### **Hurricane preparedness:**

- 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

## HURRICANE SEASON

#### TC Energy's Missouri renewable natural gas operations by the numbers



# Methane extraction process avoids 42,800 tonnes/year of $CO_2e$ — comparable to:

Ba



or carbon sequestered by **52,400** acres of U.S. forests in one year



## Moving energy from hog waste in Missouri

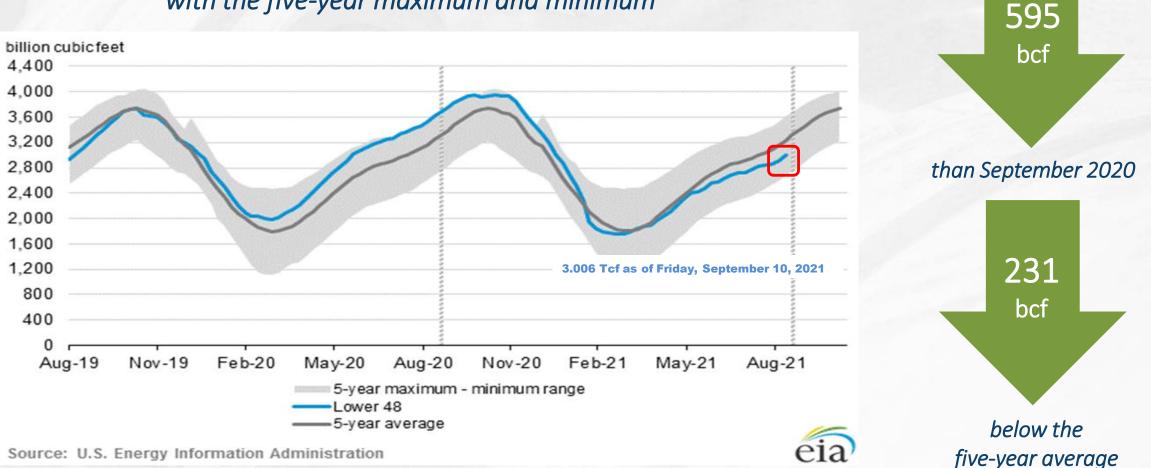
To learn more about our Renewable Natural Gas (RNG) footprint, visit <u>tcenergy.com/stories</u>

> (Select the "Moving energy from hog waste ..." story)

Storage update Eric Tawney – Operations Planning

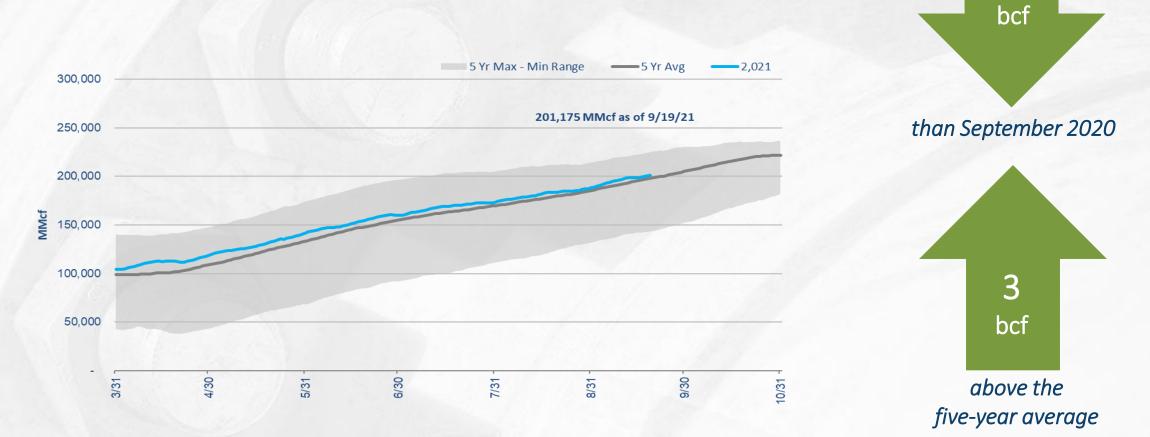
### **EIA storage position: The big picture**

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



#### **Storage position**

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



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#### **Storage operations**

- From August 18 Sept. 19, storage activity averaged an injection of 580-MMcf/d. Daily activity varied from an injection of 1.1-Bcf/d down to a withdrawal of 200-MMcf/d.
- ANR has met all firm customer demand for storage activity.
- Storage capacity is 80 percent full with around one month remaining in the injection season.
- There are currently no postings restricting storage activity and no planned restrictions on DDS capacity.

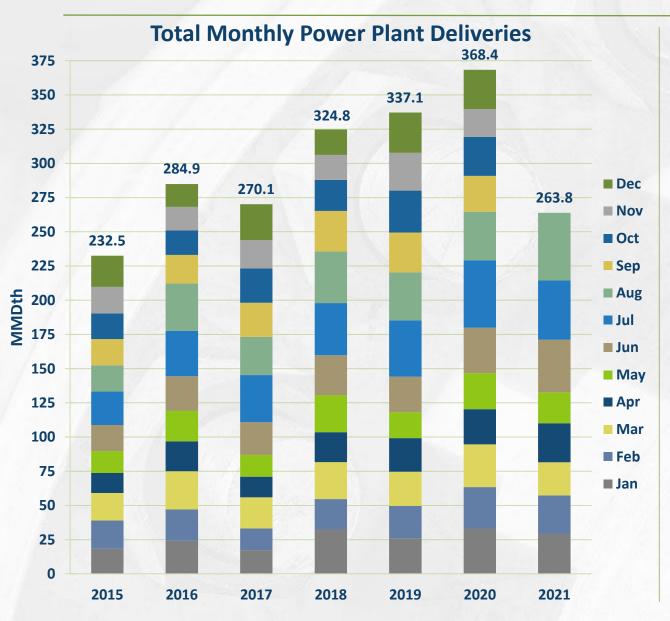


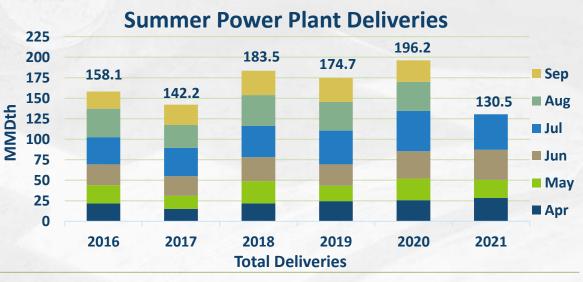
#### **Storage operations**

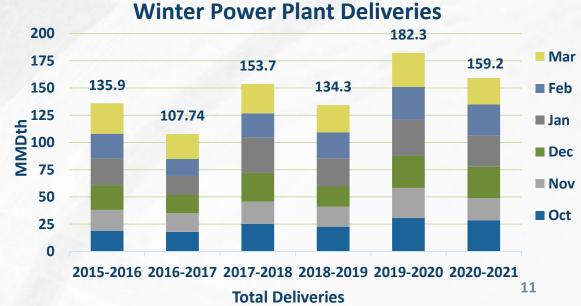
- Storage activity is primarily injection, but some withdrawals may still be possible under certain conditions
- In addition to the planned maintenance, ANR will begin it's fall storage field shut-ins in October to begin setting the fields up for withdrawal. ANR will ensure that sufficient injection capacity is maintained to meet firm injection demand.
  - If needed, sufficient withdrawal capacity is available to meet anticipated demand
- The available capacity will continue to be reflected on the EBB under the operationally available capacity

Operational update Michael Gosselin – Operations Planning

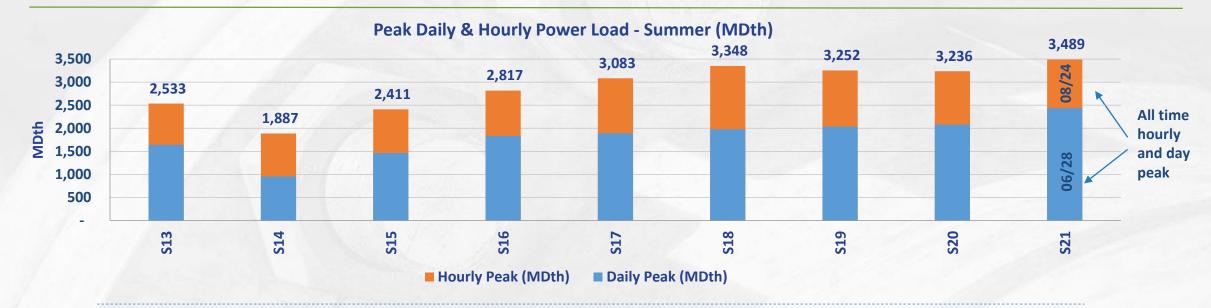
#### **Monthly deliveries to Power Plants**



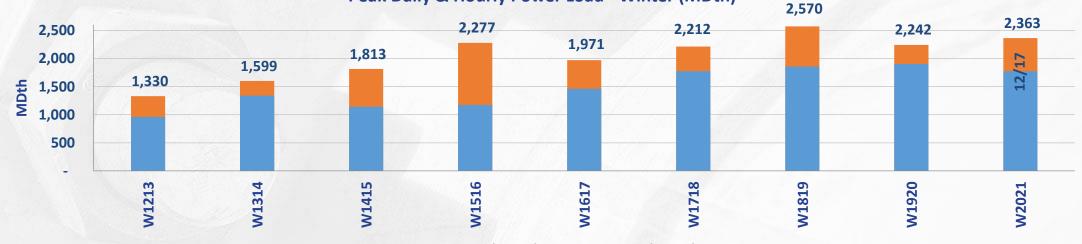




#### Peak daily & hourly Power Load by season



Peak Daily & Hourly Power Load - Winter (MDth)



Hourly Peak (MDth) Daily Peak (MDth)

## **Capacity impacts (SW Mainline)**

		Cap (N	/Mcf/d)		50	nton	nha													0.	tob										
Dates	Area/Segment/Location	Impact	Avail		36	pter	nbei													00	lob	21									
	Southwest Area & Mainline			23	24 25	26 2	27 28	29 3	30 1	2	3	4 5	6	7	8 9	10	11	12 1	3 14	15	16 1	.7 18	19	20 2	1 22	23 2	24 25	5 26	27 28	3 29	30 31
	SWML Northbound (LOC # 226630)																														
9/20 - 9/26	Pipeline - Integrity Digs 0-100 (Maitland - Lineville CS)	100	592																												
9/27 - 9/30	Integrity Digs 0-100 & Birmingham CS Reliability Project	150	542																												
10/1 - 10/11	Integrity Digs 0-100 & Sandwich CS Safety Sys Test	55	637																			Ì									
10/12 - 10/18	Intergrity Work 0-100 (Havensville to Lineville CS)	100	592																												
10/19 - 10/23	Pipeline - Integrity Digs (Lineville CS)	55	637																												

## **Capacity impacts (Northern Area)**

		Cap (M	1Mcf/d)		<b>6</b> -																	0.														
Dates	Area/Segment/Location	Impact	Avail		Se	pte	mbe	er														00	tok	per												
																																				_
	Market Area & Storage			23 2	24 25	26	27 28	8 29	30	1	2 3	3 4	5	6	7	8	9 1	10 1	1 1	2 1	3 14	15	16	17	18	19 2	20 2	1 22	23	24	25	26 2	7 28	29	30	31
	Janesville/NNG INT (LOC # 28808)																																			
9/24	Janesville CS - Reliability Project	N/A	FPO																																	
	Sheboygan Falls (LOC # 439345)																																			
10/1 - 10/10	Kewaskum CS - Reverse Flow Project	66	39																																	
	Marshfield/Viking Int (LOC # 28873)																																			
10/11 - 10/22	Marshfield CS - Reliabilty Project	N/A	FPO																																	
	St. John Eastbound (LOC #226633)																			l									Ì					Ì		
10/8 - 10/18	Pipeline - Class Upgrade 0-100 22" (St. John CS)	415	845																																	
	Crown Point/NIPSCO (LOC #138744)																																			
10/8 - 10/18	Pipeline - Class Upgrade 0-100 22" (St. John CS)	N/A	Shut-in																																	
	Bridgman Northbound (LOC #226632)																																			
10/5 - 10/6	Bridgman CS - Control System Maintenance	365	1,235																					Ì							l					
10/7 - 10/8	Hamilton CS - Control System Maintenance	315	1,285																			Î			Î				Ì					Ì		
	Defiance Westbound (LOC #505605)																																			
9/20 - 10/14	Pipeline - Integrity Digs (Defiance - LaGrange CS)	180	513																																	

## **Capacity impacts (SE Area)**

		Cap (M	1Mcf/d)		_																_											
Dates	Area/Segment/Location	Impact			Se	epte	emb	er												0	Octo	obe	r									
																									_	_		_		_	_	
	Southeast Area			23	24 25	5 26	27	28 29	30	1	2 3	4	5	6 7	8	9	10 1	1 12	13	14	15 1	6 17	18	19	20 2	1 22	23	24 2	5 26	27	28 29	9 30 31
	Stingray Int (LOC #135819)																								-		Π	-				
8/20 - 3/31/22	Pipeline - Integrity Issue / Hurricane Laura Damage	N/A	Shut In																													
	Multiple Meters - Cameron Area																															
8/20 - 3/31/22	Meter Station - Hurricane Laura Damage	N/A	Shut In																													
	Cameron (LOC #43456)																															
8/20 - 12/31	Meter Station - Hurricane Laura Damage	N/A	Shut In																													
	Kings Bayou No. 2 (LOC #150708)																															
8/20 - 10/31	Meter Station - Hurricane Laura Damage	N/A	Shut In																													
	Weeks Isla/Lig Pl (LOC #233620)																															
7/24 - 12/15	Emergent Dig (Patterson Area, 0-716)	N/A	FPO																													
	St. Martinville E to LRC (LOC #218192)																															
7/24 - 12/15	Emergent Dig (Patterson Area, 0-716)	N/A	FPO																													
	St. Landry/Fl Int (LOC #322625)						Ì												Ĩ													
7/24 - 12/15	Emergent Dig (Patterson Area, 0-716)	N/A	FPO			, Aller																	, A	, in the second s								
	Riverway (To Bridgeline) (LOC #42593)						Ì																									
10/18 - 10/30	Patterson CS - Automation Upgrade	135	125																					,								

## **Capacity impacts (SEML)**

		Cap (N	1Mcf/d)																																	
Dates	Area/Segment/Location	Impact	Avail		26	epte	emb	er															JCTO	obe	r											
	Southeast Mainline			23	24 25	5 26	27	28 2	9 30	1	2	3	4	5 6	5 7	8	9	10	11	12	13	14 1	15 1	6 17	7 18	19	20	21 2	2 23	3 24	25	26 2	27 28	8 29	9 30	31
	Evangeline Southbound (LOC #5055591)																																			
9/22 - 9/24	Eunice CS Inspections & Automation Testing	241	930												l		Ì					Ì					l							Ì		Ì
	Jena Southbound (LOC #9505489)											Ì				Ì																				
10/4 - 10/8	Delhi CS - Turbine Maintenance & Inspections	120	1,056					1																					Î							
	Delhi Southbound (LOC #1379345)																																			
10/9 - 10/30	Sardis CS HP Replacement & Inspections	150	951												Î																					[
	Brownsville Southbound (LOC #1260569)																																			
9/17 - 9/23	Pipeline Integrity Dig 0-501 Brownsville North	157	950														1																	1		<u> </u>
	Cottage Grove Southbound (LOC #505614)	-														1							1							1			1			
9/17 - 9/23	Pipeline Integrity Dig 0-501 Shelbyville South	275	875				1																													

#### **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 and Scheduling

#### Reminders

- Firm Storage customers with contracts expiring effective gas day Oct. 31, 2021, will need to transfer the ending balance from the terminating contract to another contract effective gas day Nov. 1, 2021. Customers can submit Infield Storage Transfers in GEMS for gas day Nov. 1, 2021, prior to 9 a.m. CST on Nov. 2, 2021.
- While ANR fuel remains unchanged going into winter, please be aware that as part of Docket No. RP19-741, ANR will file to remove surcharges\* implemented Jan. 1, 2021. We will keep customers apprised of net fuel changes intended to be effective Jan. 1, 2022, pending FERC approval.
  - ANR will continue to file an annual redetermination of Transporter's Use and EPC effective every April 1
- For Capacity Releases, if NNS is to be released along with the associated storage and transport, please contact the Contracts group to facilitate this request.

#### Reminders

Critical Posting #10418

#### Attn: All ANR Pipeline Joliet Hub Interruptible Wheeling Shippers

As a courtesy update, ANR is notifying Shippers that only the following IWS will be offered in the Joliet Hub effective Sept. 1, 2021:

Receipts from Alliance 277072, Will County 246067, and ANR Joliet Hub 243097 with a delivery to ANR Joliet Hub 243097 will be charged \$.01 per Dth daily.

Receipts from ANR Joliet Hub 243097 with a delivery to Alliance 277072, Will county 246067, and ANR Joliet Hub 243097 will be charged \$.01 per Dth daily.

All other IWS services in the Joliet Hub will be charged the maximum tariff rate of \$.2122 Dth/d. ANR reserves the right to adjust these discounts at any time.

Please contact the following with any questions:

- Lonnie Lozano 832-320-5679 or Adam Lakhani 832-320-5559 (Short Term Marketing)
- Erik Anderson 832-320-5606 (Long Term Marketing)

#### **Energy Insights – ANR Pipeline 2021**

