



ANR Monthly Customer Update

June 2019



Safety moment

Stay safe in hot weather

- Stay hydrated by drinking plenty of fluids. Avoid drinks with caffeine or alcohol.
- Avoid extreme temperature changes.
- Slow down, stay indoors and avoid strenuous exercise during the hottest part of the day.
- Postpone outdoor games and activities.
- Check on animals frequently to ensure they are not suffering from the heat. Make sure they have plenty of cool water.



Agenda

Storage Update

Michael Lawrence, Operations Planning

Operational Update

Michael Gosselin, Gas Control & Planning

Noms & Scheduling

DeAnna Parsell, Noms & Scheduling

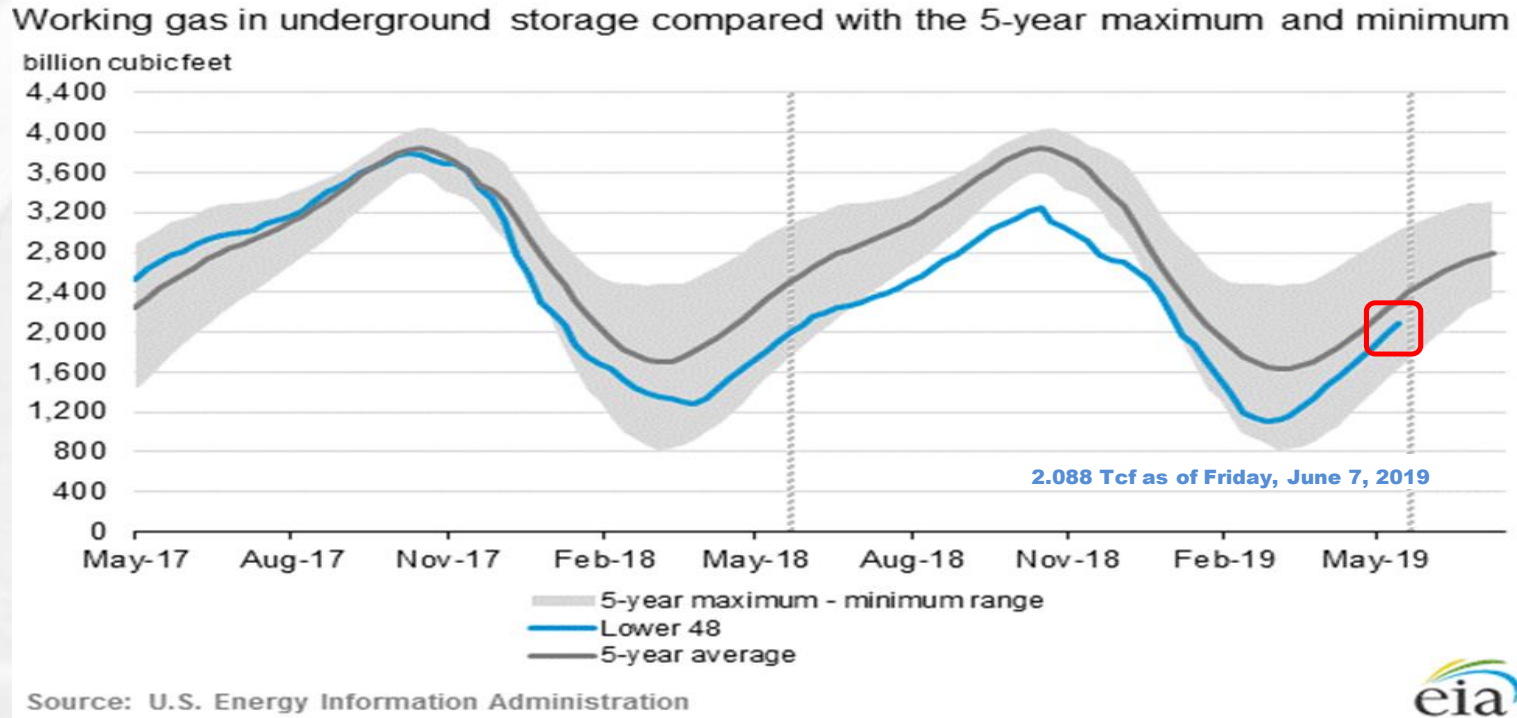




Storage Update

Michael Lawrence – Operations Planning

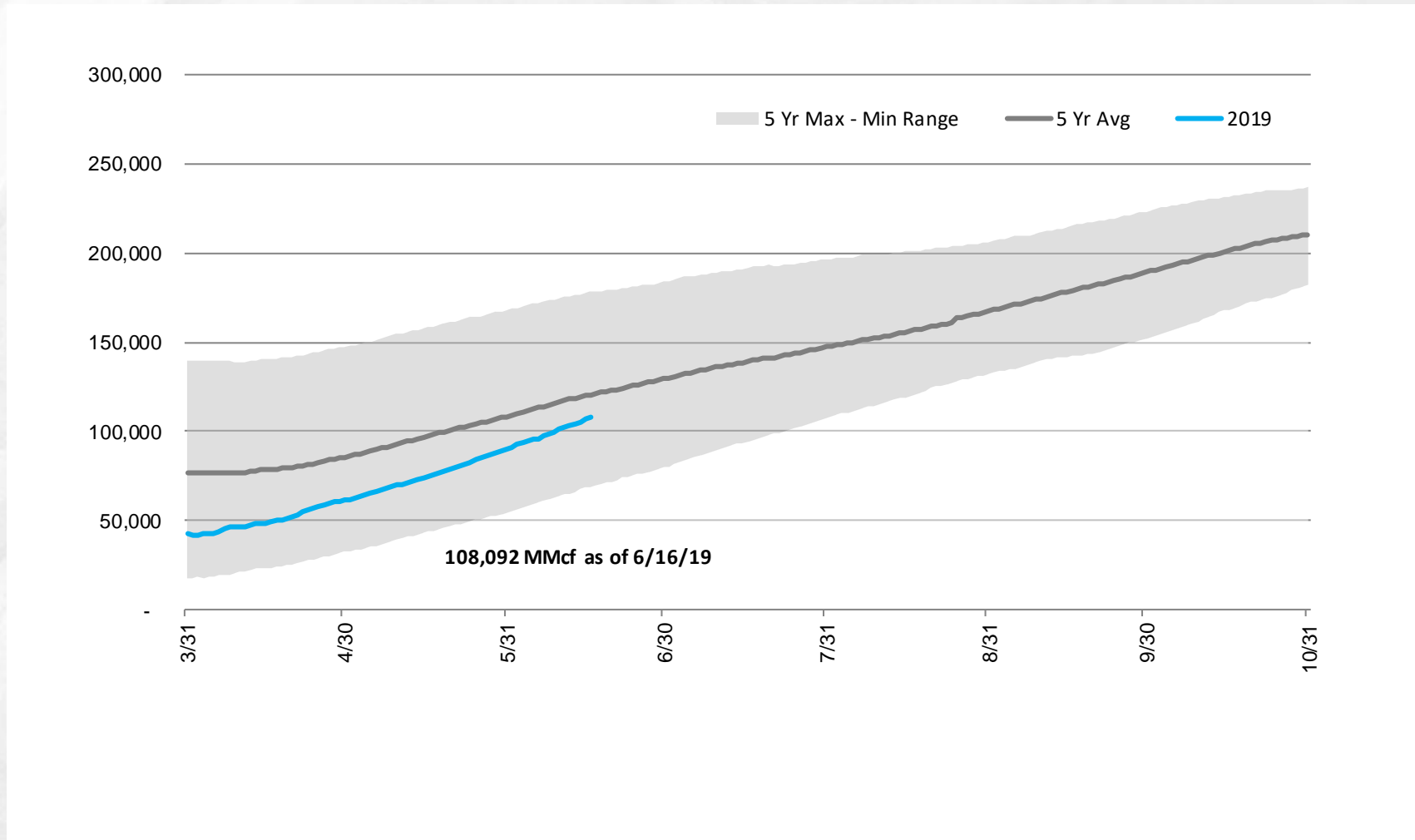
EIA storage position: the big picture



Date	ANR's Reported EIA Storage Inventory (MMcf)
June 7, 2019	92,278
June 8, 2018	70,827
June 9, 2017	164,370

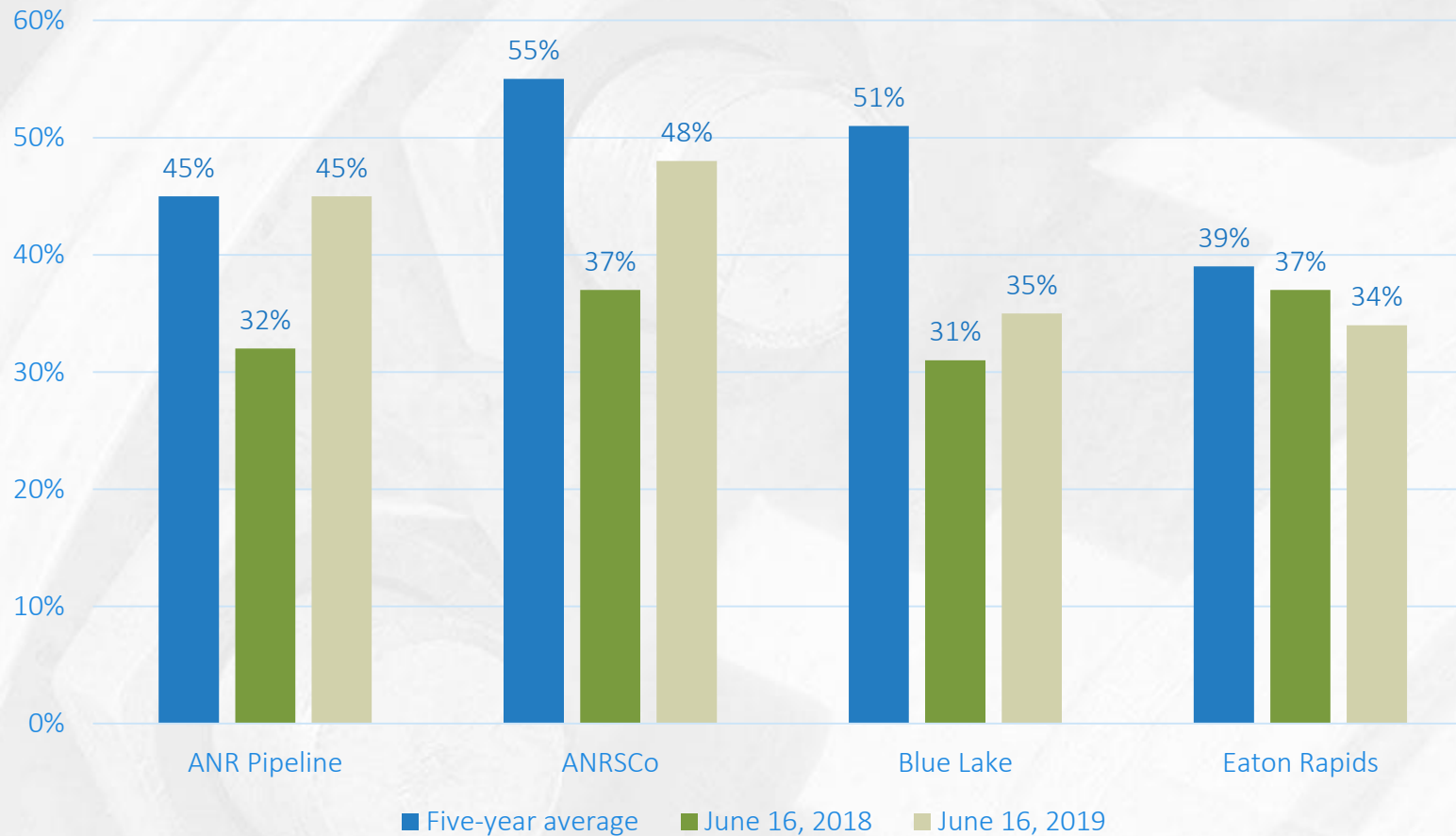
Storage Position

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

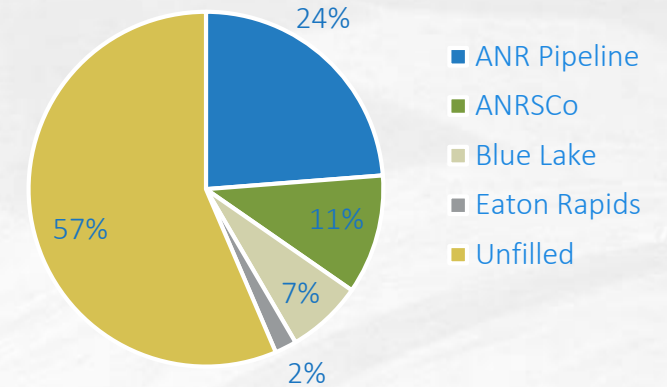


Storage inventory – 2019 vs. 2018

Physical Inventory Positions as of June 16



% of Certificated Storage Capacity



Percent of Storage Capacity	2019 Percent Full	YOY Difference (2018-19) June 16
ANR Pipeline	45%	12.9%
ANRSCO	48%	11%
Blue Lake	35%	3.6%
Eaton Rapids	34%	-3.6%

Storage operations

- The current volume in storage is below the five-year average level by about 13-Bcf. It is getting closer to the five-year average and is well above the five-year minimum.
- From Thursday, May 17, through Sunday, June 16, storage activity averaged an injection of almost 1.0-Bcf/d, which reflects a fairly strong injection pattern. While injections have been consistent, they have varied from about 900-MMcf/d up to about 1.3-Bcf/d.
- ANR met all firm customer demand for storage activity during this period.
- Capacity is 43 percent full after 2-1/2 months of the summer season.
- Strong injections are expected through the remainder of the month or until warmer weather arrives. ANR believes it is positioned well to meet all firm demand for injection.



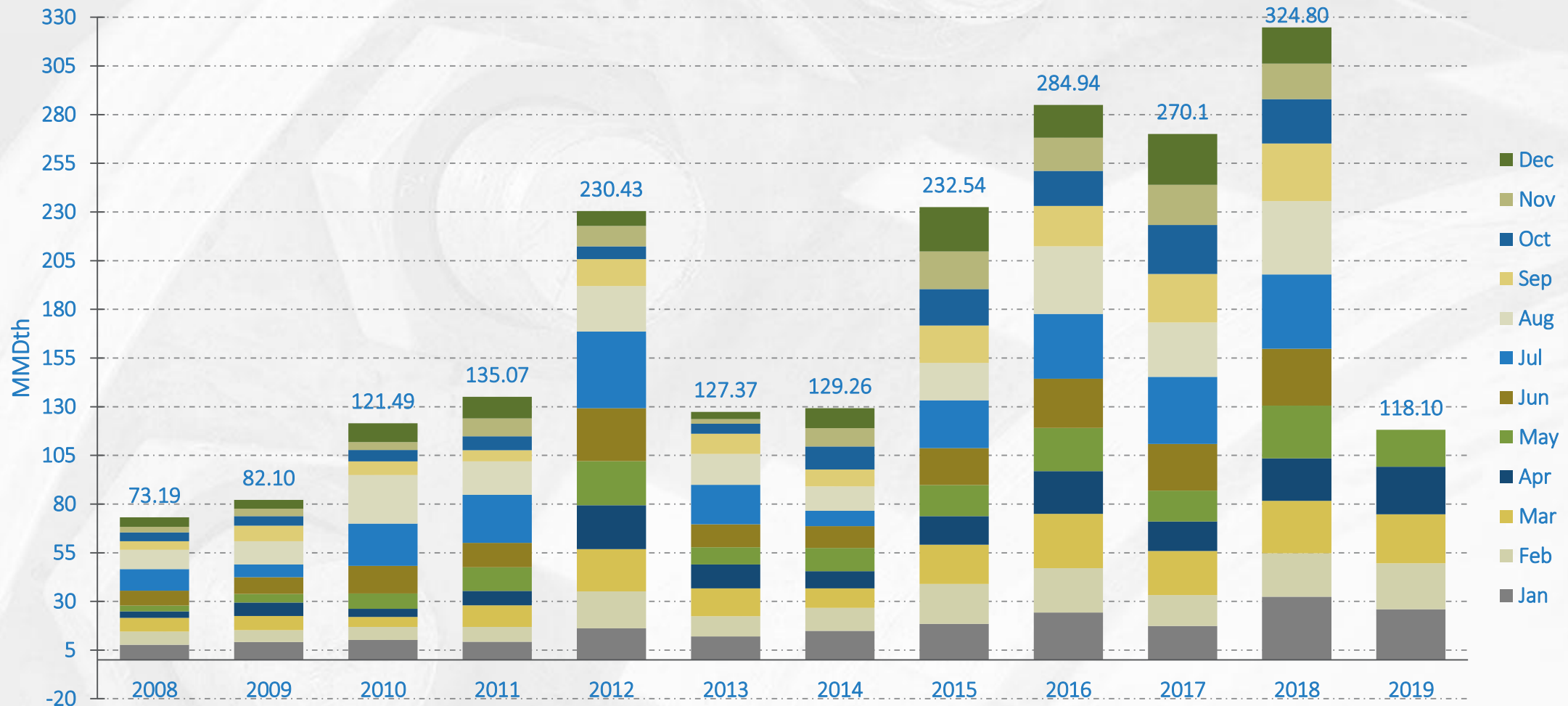
Operational Update
Michael Gosselin – Gas Control & Operations Planning

ANR May average daily system flows

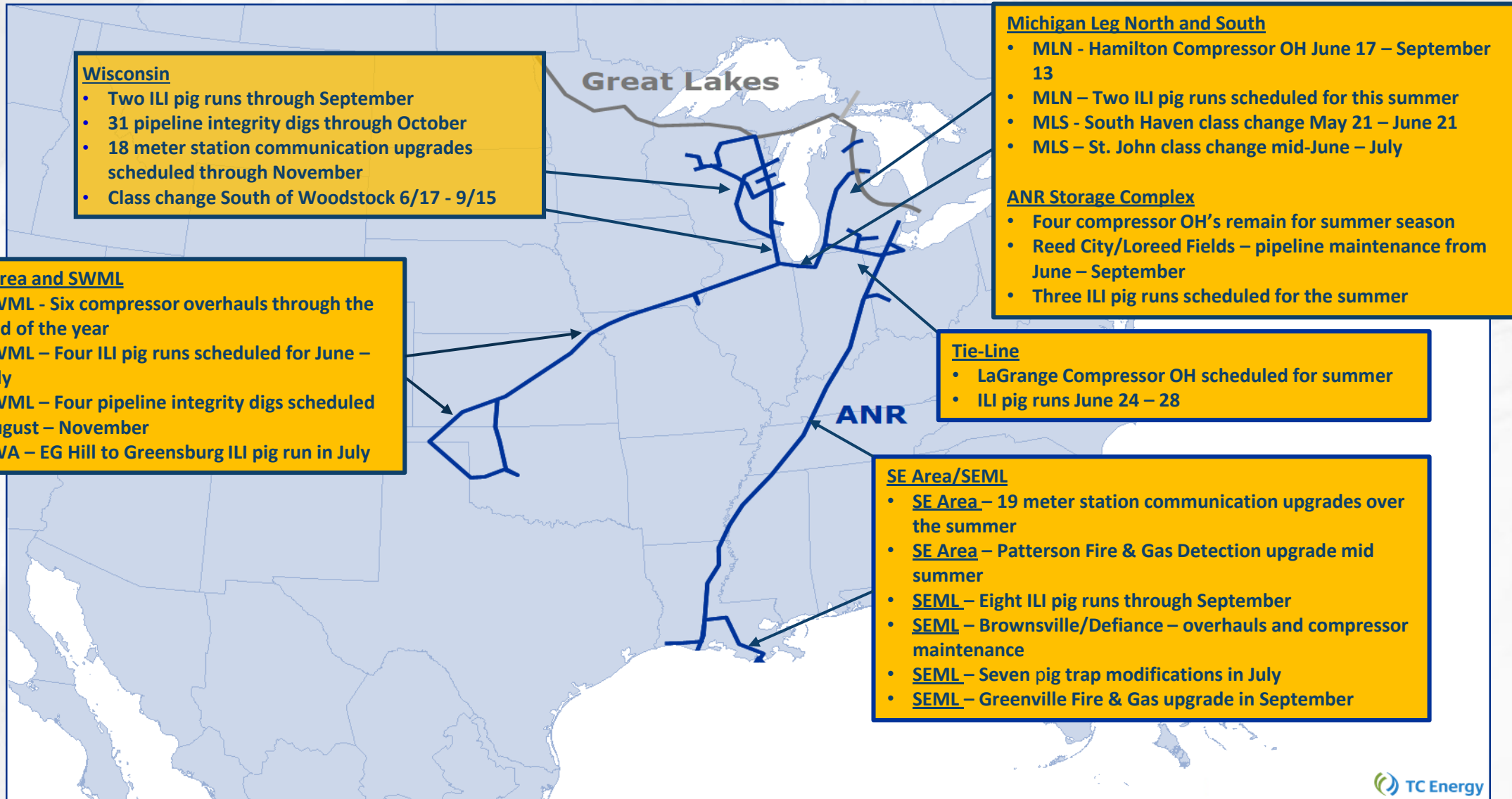


- 1 SWML Northbound flowed 97 percent full, with scheduled volumes averaging 659-MDth/d
- 2 Wisconsin deliveries averaged 632-MDth/d
- 3 Michigan Leg South through St. John Eastbound flowed an average volume of 842-MDth/d
- 4 Woolfolk averaged a northbound flow of 911-MDth/d
- 5 ANR Pipeline storage averaged an injection of 919-MDth/d
- 6 Deliveries between Eunice and Patterson averaged 1018-MDth/d, Eunice Southbound averaged 95-MDth/d and deliveries to Duralde averaged 296-MMcf/d. ANR received 249-MDth/d from offshore at Patterson
- 7 Southbound flows through Jena averaged 1149-MDth/d
- 8 REX Shelbyville receipts averaged 887-MDth/d and Westrick Interconnect averaged 1362-MDth/d
- 9 Deliveries to MichCon at Willow Run averaged 735-MDth/d

ANR monthly deliveries to power plants



2019 ANR Mainline maintenance projects



ANR posted capacity impacts – June 2019

SWML Northbound (LOC#226630) CN ID #9280

140-MMcf/d (leaving 549-MMcf/d available) June 17 – June 23

90-MMcf/d (leaving 599-MMcf/d available) June 24 – June 28

20-MMcf/d (leaving 669-MMcf/d available) June 29 – July 7

120-MMcf/d (leaving 569-MMcf/d available) July 8 – July 31

Bridgman Northbound (LOC #226632) CN ID #9257

325-MMcf/d (leaving 1276-MMcf/d available) June 17 – August 26

St. John Eastbound (LOC #226633) CN ID #9274

70-MMcf/d (leaving 1189-MMcf/d available) June 16 – July 11

ANR posted capacity impacts – June 2019

Defiance Westbound (LOC #505605) PSO ID # 9261

250-MMcf/d (leaving 638-MMcf/d available) June 24 – June 28

Jena Southbound (LOC #9505489) PSO ID #9279

170-MMcf/d (leaving 1010-MMcf/d available) June 25 – June 26

120-MMcf/d (leaving 1060-MMcf/d available) July 7 – July 12

Brownsville Southbound (LOC #1260569) PSO ID #9272

230-MMcf/d (leaving 900-MMcf/d available) June 25 – June 28

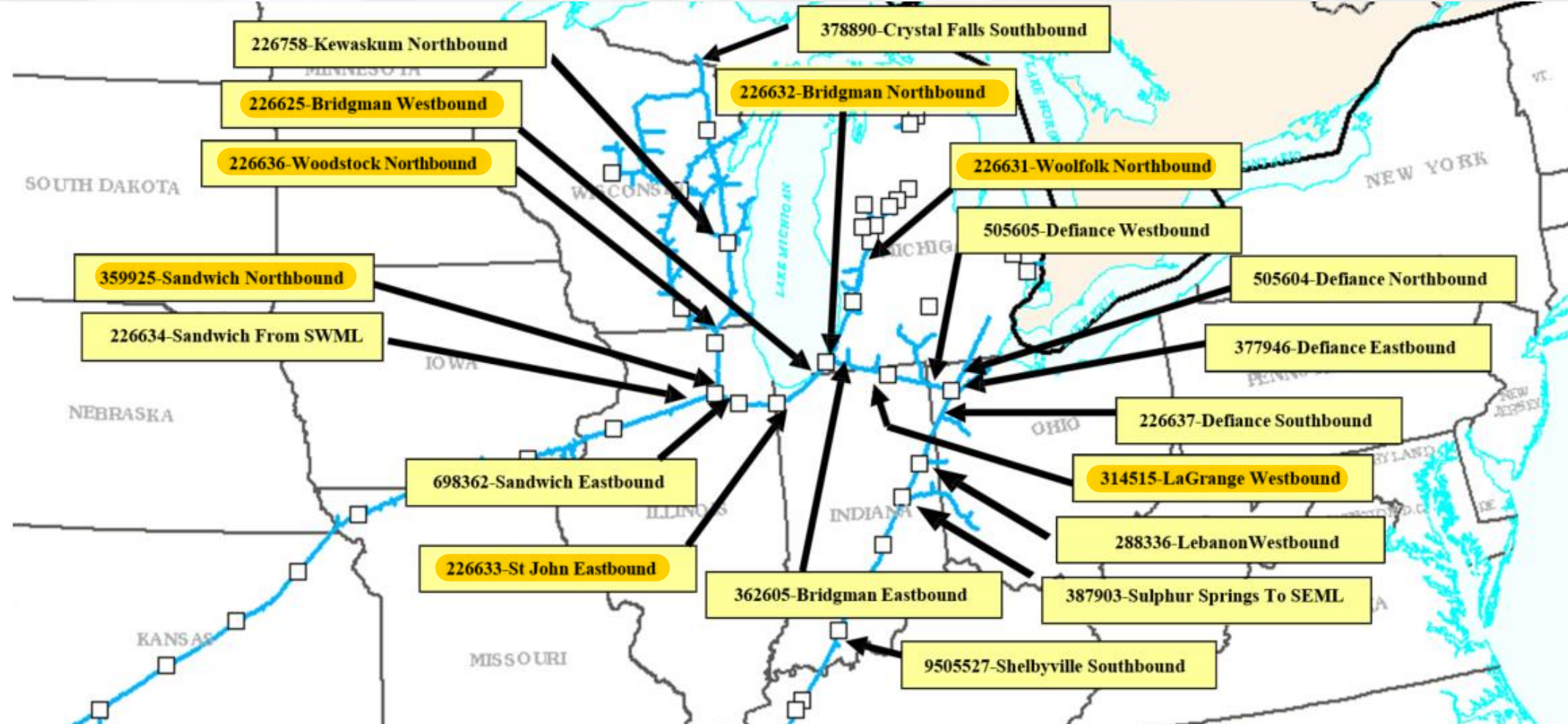
Outage postings

- 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 and 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.



ANR Nominations & Scheduling
DeAnna Parsell – Noms and Scheduling

Market Area Flow Thru locations



Zones 6 & 7 Flow Thru locations

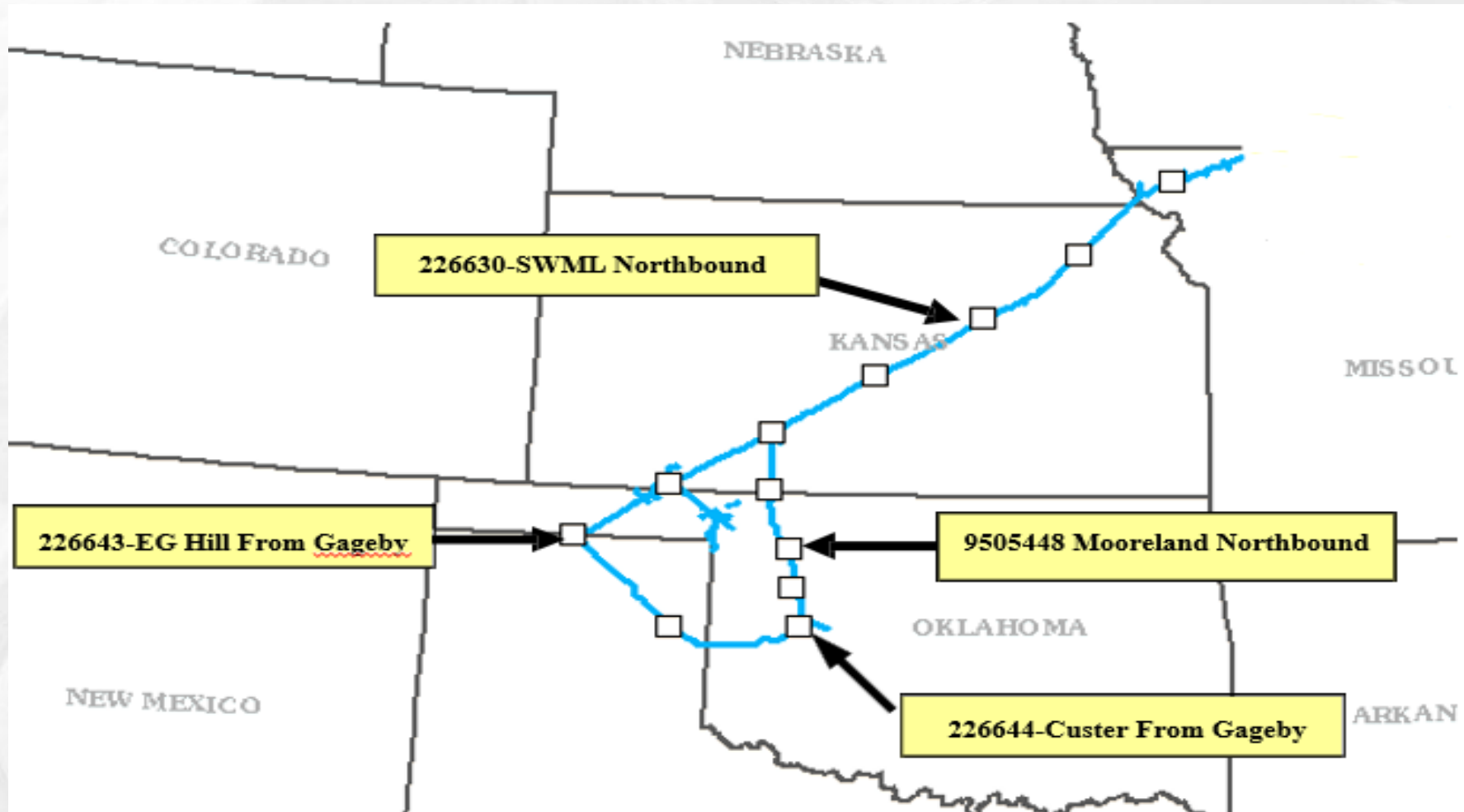
East Side Of Lake Michigan

- 362605-Bridgman Eastbound
- 226625-Bridgman Westbound
- 226632-Bridgman Northbound
- 226631-Woolfolk Northbound
- 377946-Defiance Eastbound
- 505605-Defiance Westbound
- 505604-Defiance Northbound
- 314515-LaGrange Westbound

West Side Of Lake Michigan

- 226634-Sandwich From SWML (Zone 6)
- 378890-Crystal Falls Southbound
- 226758-Kewaskum Northbound
- 226636-Woodstock Northbound
- 359925-Sandwich Northbound
- 698362-Sandwich Eastbound
- 226633-St. John Eastbound

Southwest Flow Thru locations



Zones 4 & 5 Flow Thru locations

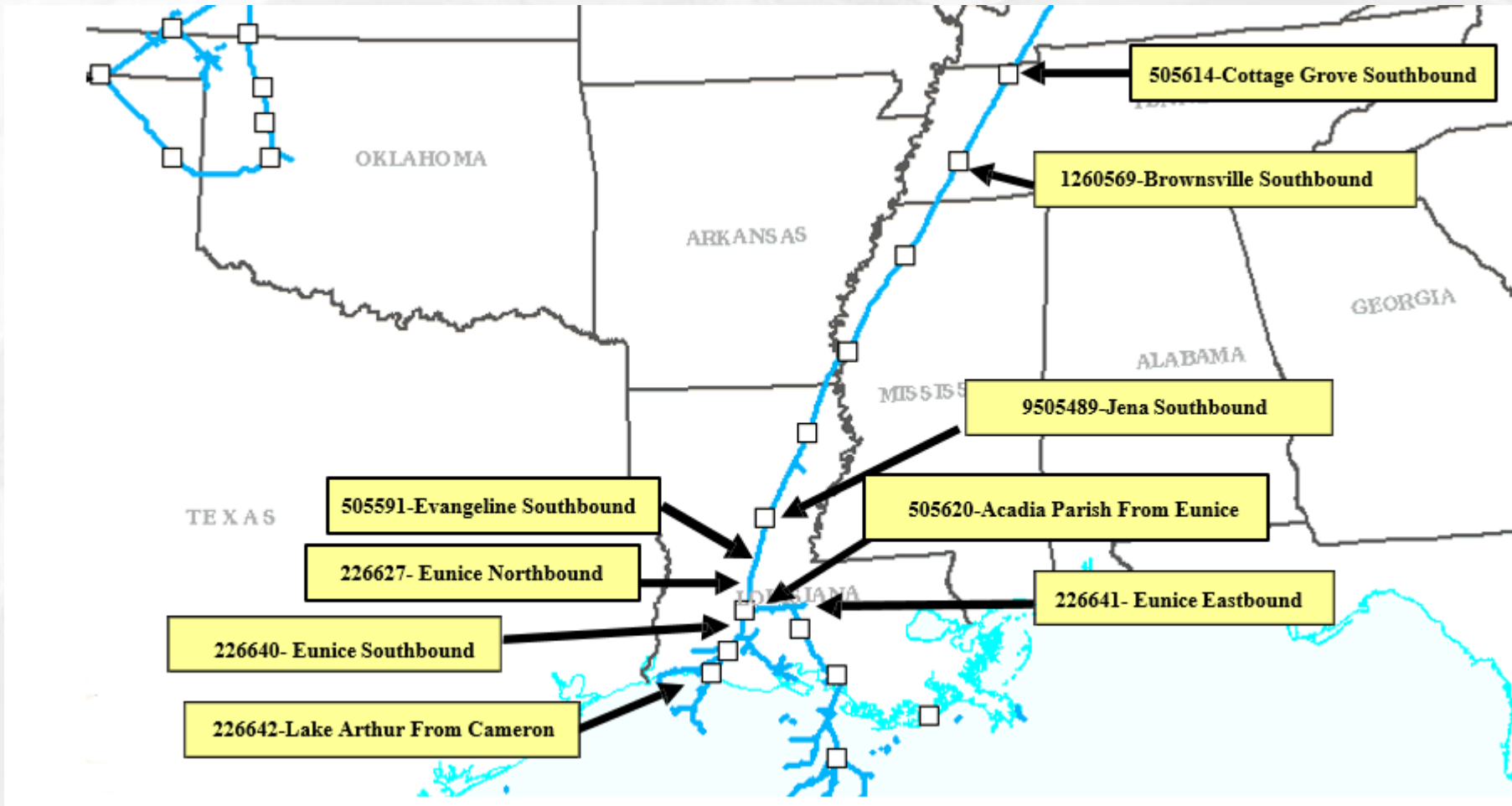
Zone 4

- 226643-EG Hill From Gageby
- 9505488-Mooreland Northbound
- 226644-Custer From Gageby

Zone 5

- 226630-SWML Northbound

Southeast Flow Thru locations



Zones 1-3 Flow Thru locations

Zone 1

- 505620-Acadia Parish From Eunice
- 226641-Eunice Eastbound
- 226642-Lake Arthur From Cameron
- 226640-Eunice Southbound

Zone 2

- 505614-Cottage Grove Southbound
- 1260569-Brownsville Southbound
- 9505489-Jena Southbound
- 505591-Evangeline Southbound
- 226627-Eunice Northbound

Zone 3

- 226637-Defiance Southbound
- 9505527-Shelbyville Southbound
- 389703-Sulphur Springs to SEML
- 288336-Lebanon Westbound

Route Information tool

From GEMS – Nominations – Route Information tool

Can also be viewed from Regular Nomination Maintenance (Route Information button in righthand corner)

Nom. Route Information

Retrieve Criteria:

Nom ID: INTERNAL Receipt Loc ID: ALLIANCE/ANR INT
 Contract ID: Delivery Loc ID: OHIO GAS-GRP 1
 Effective Dt: Rate Schedule: FTS-1 Entity Name:

Locations In Route Row 1 of 60

Location ID	Location Name	Nomable Flag	Segment ID	Path Priority	Point Priority
277072	ALLIANCE/ANR INT	Yes	MI 7 U		Primary
338686	GUARDIAN CEDAR REC	Yes	MI 7 U	Primary	
338685	GUARDIAN CEDAR DEL	Yes	MI 7 U	Primary	
523090	YOUNGS ROAD DELIVERY	Yes	MI 7 V	Primary	
360906	SHARP ROAD RECEIPT	Yes	MI 7 V	Primary	
360907	SHARP ROAD DELIVERY	Yes	MI 7 V	Primary	
1402545	BRANDON ROAD DELIVERY	Yes	MI 7 V	Primary	
9505440	ADMIN SCHEDULING - MI7V	Yes	MI 7 V	Primary	
1402711	CEDAR CREEK DELIVERY	Yes	MI 7 V	Primary	
246067	WILL COUNTY INT	Yes	MI 7 V	Primary	
4196	EAST JOLIET	Yes	MI 7 V	Primary	
295958	PGL&C - GROUP 1	Yes	MI 7 V	Primary	
282435	MONEE INTERCONNECT	Yes	MI 7 V	Primary	
866068	IPLS MONEE	Yes	MI 7 V	Primary	
318733	PPL UNIVERSITY PARK PWR	Yes	MI 7 V	Primary	
360888	CRETE POWER PLANT	Yes	MI 7 V	Primary	
703495	ILLINOIS NORTH	Yes	MI 7 V	Primary	
360885	VECTOR -ST JOHN/REC	Yes	MI 7 V	Primary	
360905	VECTOR-ST JOHN/DEL	Yes	MI 7 V	Primary	
9505457	VECTOR-ST JOHN	Yes	MI 7 V	Primary	
226633	ST JOHN EASTBOUND	No	MI 7 V	Primary	

"The information displayed is based on this one route and contract MDQ at this point and time, and does not reflect any other nominations on or related to this contract."

Route Information tool (cont.)

Nom. Route Information

Retrieve Criteria:

Nom ID: INTERNAL Receipt Loc ID: ALLIANCE/ANR INT

Contract ID: Delivery Loc ID: OHIO GAS-GRP 1

Effective Dt: Rate Schedule: FTS-1 Entity Name:

Locations In Route Row 1 of 60

Location ID	Location Name	Nomable Flag	Segment ID	Path Priority	Point Priority
138744	CROWN POINT/NIPSCO	Yes	MI 7 G	Primary	
9505444	ADMIN SCHEDULING - MI7G	Yes	MI 7 G	Primary	
378119	CHESTERTON	Yes	MI 7 G	Primary	
4375	MICHIGAN CITY	Yes	MI 7 G	Primary	
139385	NIPSCO - GROUP 3	Yes	MI 7 G	Primary	
11572	NEW BUFFALO	Yes	MI 7 G	Primary	
11574	THREE OAKS	Yes	MI 7 G	Primary	
226625	BRIDGMAN WESTBOUND	No	MI 7 G	Primary	
505595	BRIDGMAN WESTBOUND ROFR	No	MI 7 G	Primary	
11581	BUCHANAN	Yes	MI 7 H	Secondary	
11580	NILES POWER PLANT	Yes	MI 7 H	Secondary	
11590	BARRON LAKE	Yes	MI 7 H	Secondary	
11589	EDWARDSBURG	Yes	MI 7 H	Secondary	
150532	BALDWIN LAKE (SEM GAS)	Yes	MI 7 H	Secondary	
362605	BRIDGMAN EASTBOUND	No	MI 7 H	Secondary	
22992	STAG LAKE(ST JOSEPH CO)	Yes	MI 7 J	Secondary	
505589	IPLS GP TOTAL IPLS	No	MI 7 J	Secondary	
505586	IPLS STAG LAKE	Yes	MI 7 J	Secondary	
9505445	ADMIN SCHEDULING - MI7J	Yes	MI 7 J	Secondary	
505594	LAGRANGE WESTBOUND ROFR	No	MI 7 J	Secondary	
314515	LAGRANGE WESTBOUND	No	MI 7 J	Secondary	

"The information displayed is based on this one route and contract MDQ at this point and time, and does not reflect any other nominations on or related to this contract."

Route Information tool (cont.)

Nom. Route Information

Retrieve Criteria:

Nom ID:	<input type="text" value="INTERNAL"/>	Receipt Loc ID:	<input type="text" value="277072"/>	ALLIANCE/ANR INT
Contract ID:	<input type="text"/>	Delivery Loc ID:	<input type="text" value="139251"/>	OHIO GAS-GRP 1
Effective Dt:	<input type="text" value="6/14/2019"/>	Rate Schedule:	FTS-1	
Entity Name:				

4372	LAGRANGE	Yes	MI 7 J	Secondary
40190	WOLCOTTVILLE	Yes	MI 7 J	Secondary
40192	MONGO	Yes	MI 7 J	Secondary
139366	NIPSCO - GROUP 2	Yes	MI 7 J	Secondary
4492	ORLAND	Yes	MI 7 J	Secondary
139234	NIFL - GROUP 1	Yes	MI 7 J	Secondary
4491	ASHLEY-HUDSON	Yes	MI 7 J	Secondary
40185	ANGOLA	Yes	MI 7 J	Secondary
139249	SEM GAS - GRP 1	Yes	MI 7 C	Secondary
218537	EDON	Yes	MI 7 C	Secondary
15673	NEY	Yes	MI 7 C	Secondary
160000100	DEFIANCE WEST - CFTP	No	MI 7 C	Secondary
505605	DEFIANCE WESTBOUND	No	MI 7 C	Secondary
505604	DEFIANCE NORTHBOUND	No	MI 7 A	Secondary
505596	DEFIANCE NORTH ROFR	No	MI 7 A	Secondary
9505502	DEFIANCE NORTH	No	MI 7 A	Secondary
40481	RIDGEVILLE	Yes	MI 7 A	Secondary
139251	OHIO GAS-GRP 1	Yes	MI 7 A	Secondary

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The background of the slide is a faded, light-colored image of mechanical components. It features several large gears with prominent teeth, arranged in a circular pattern. Interspersed among the gears are several hexagonal bolts or nuts, some of which are partially obscured by the gear teeth. The overall aesthetic is technical and industrial, rendered in a soft, monochromatic palette.

Questions?

ANR Customer Assistance

For further customer assistance concerning scheduling priorities related to your specific firm service agreement(s), firm service rights and features, GEMS new user training, virtual and face-to-face meetings, etc., please contact the ANR Noms & Scheduling Team:

Toll Free: 1-800-827-5267

Group Email: ANR_Noms_Scheduling@transcanada.com

Web address for the ANRPL Tariff: www.anrebb.transcanada.com