

A photograph of an industrial facility, likely a refinery or chemical plant. The scene is dominated by large, white, curved pipes that run horizontally across the frame. These pipes are supported by a complex network of dark metal beams and vertical supports. The ground is covered in a layer of brown gravel. In the background, more industrial structures, including tanks and smaller pipes, are visible under a blue sky with scattered white clouds. The overall perspective is from a low angle, looking down a corridor formed by the pipes and supports.

# ANR Monthly Customer Update

February 2020







## Safety Moment

Take everyday preventative actions to stop the spread of germs.

- Cover your nose and mouth with a tissue when you cough or sneeze.
- Throw the tissue in the trash after you use it.
- Wash your hands often with soap and water. If soap and water are not available, use an alcohol-based hand rub. This is especially important after you go out in public and do things such as:
  - Touch shopping carts
  - Touch staircase hand rails
  - Shake hands
  - Utilize common areas or items such as restrooms or hand tools
- Wash your hands or utilize hand sanitizer before and after eating.
- Avoid touching your eyes, nose and mouth. Germs spread this way.



# Agenda

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## Storage Update

Jeffery Keck, Operations Planning

## Operational Update

Michael Gosselin, Gas Control & Planning

## Noms & Scheduling

Curt Mrowiec, Noms & Scheduling



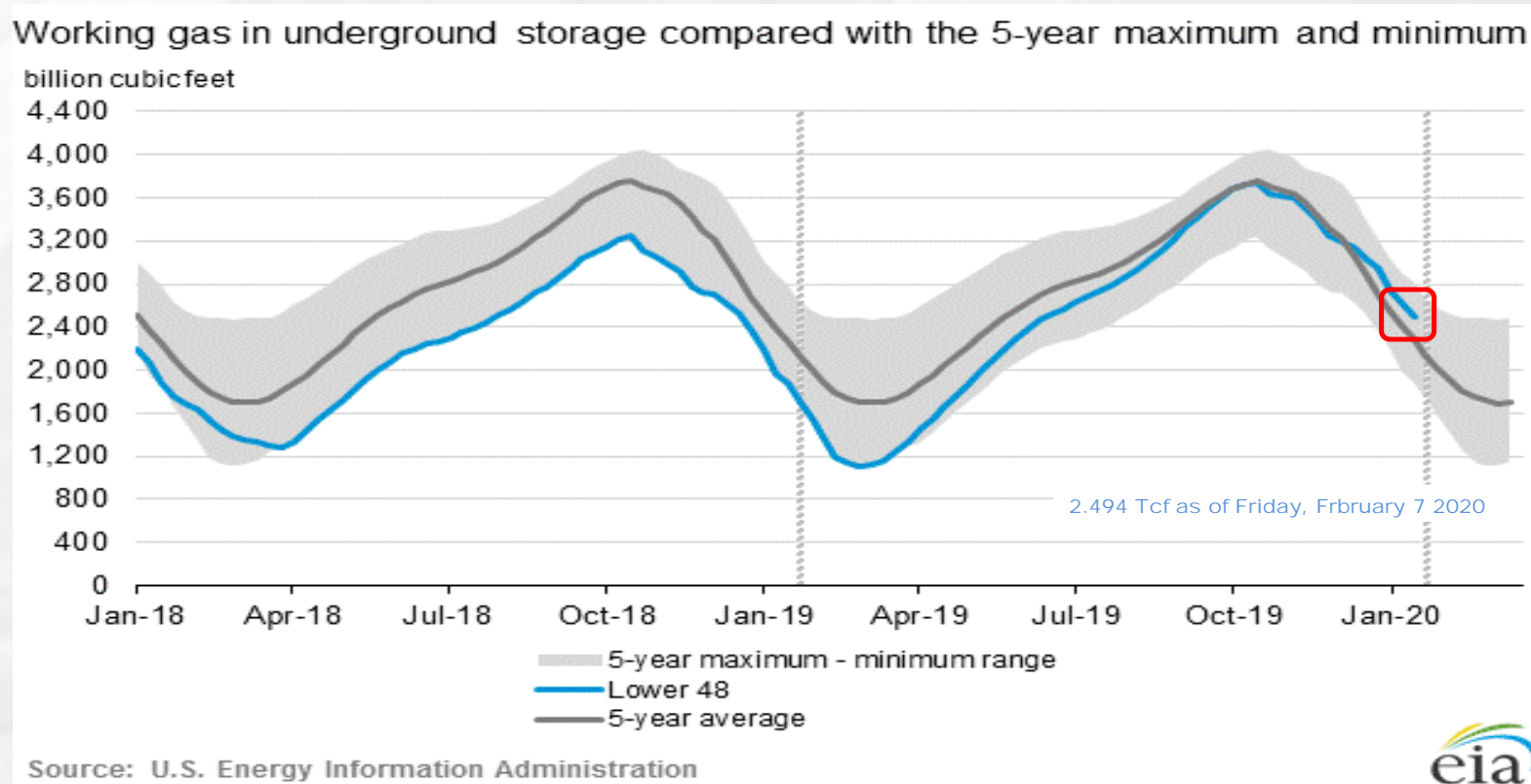


# ANR Storage Update

## Jeffery Keck – Operations Planning

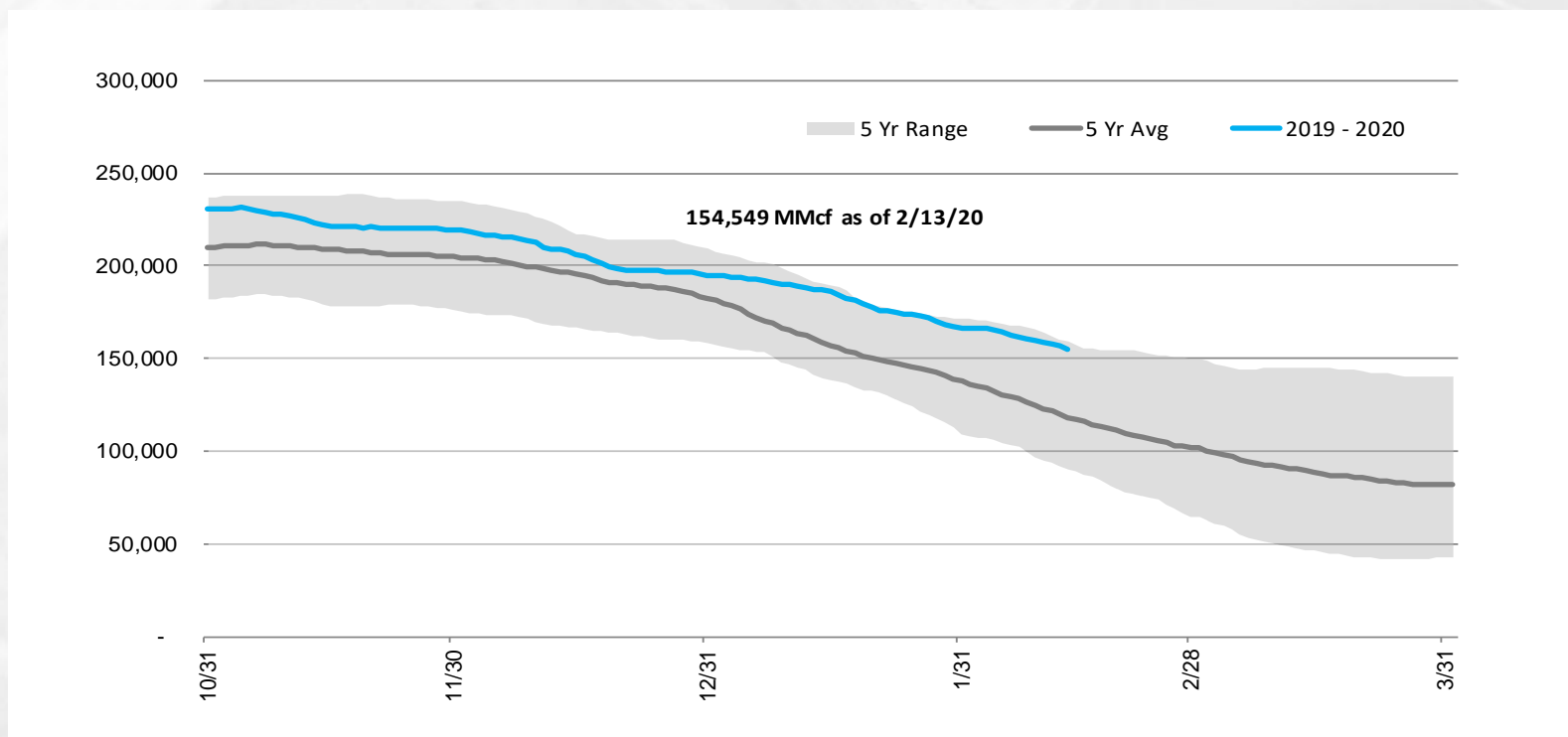


# EIA storage position: The big picture



- This is:
  - 601 Bcf higher than last year at this time
  - 215 Bcf above the five-year average

# Storage position



- Content is:
  - 64.4 Bcf above the five-year average
  - Close to the five-year maximum
- This provides ANR the ability to readily serve cold weather demand for the rest of the winter and to manage volume swings throughout the spring

# Storage operations

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- From Jan. 15 – Feb. 13, storage activity averaged a withdrawal of about 1.1 Bcf/d. However, daily activity varied from an injection of about 200-MMcf/d to a withdrawal of almost 2.3-Bcf/d.
- ANR has met all firm customer demand for storage activity on both injection and withdrawal.
- Capacity is 61% full two-thirds of the way through the winter season.
- There are currently no posted restrictions on storage activity, nor are there plans at this time to post any restrictions on storage activity.



# Storage operations

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- The weather is expected to be mostly normal or to above normal over the next couple of weeks. This means that moderate withdrawals are generally anticipated.
- Season ending contents are expected to be higher than normal. This means that injection capacity may become constrained earlier in the season since there will be less capacity to fill.
- Please review available capacity for sale on the EBB. Limited capacity is available for 2020/21. Contact your marketing rep for details.





Operational Update

Michael Gosselin – Gas Control & Operations Planning

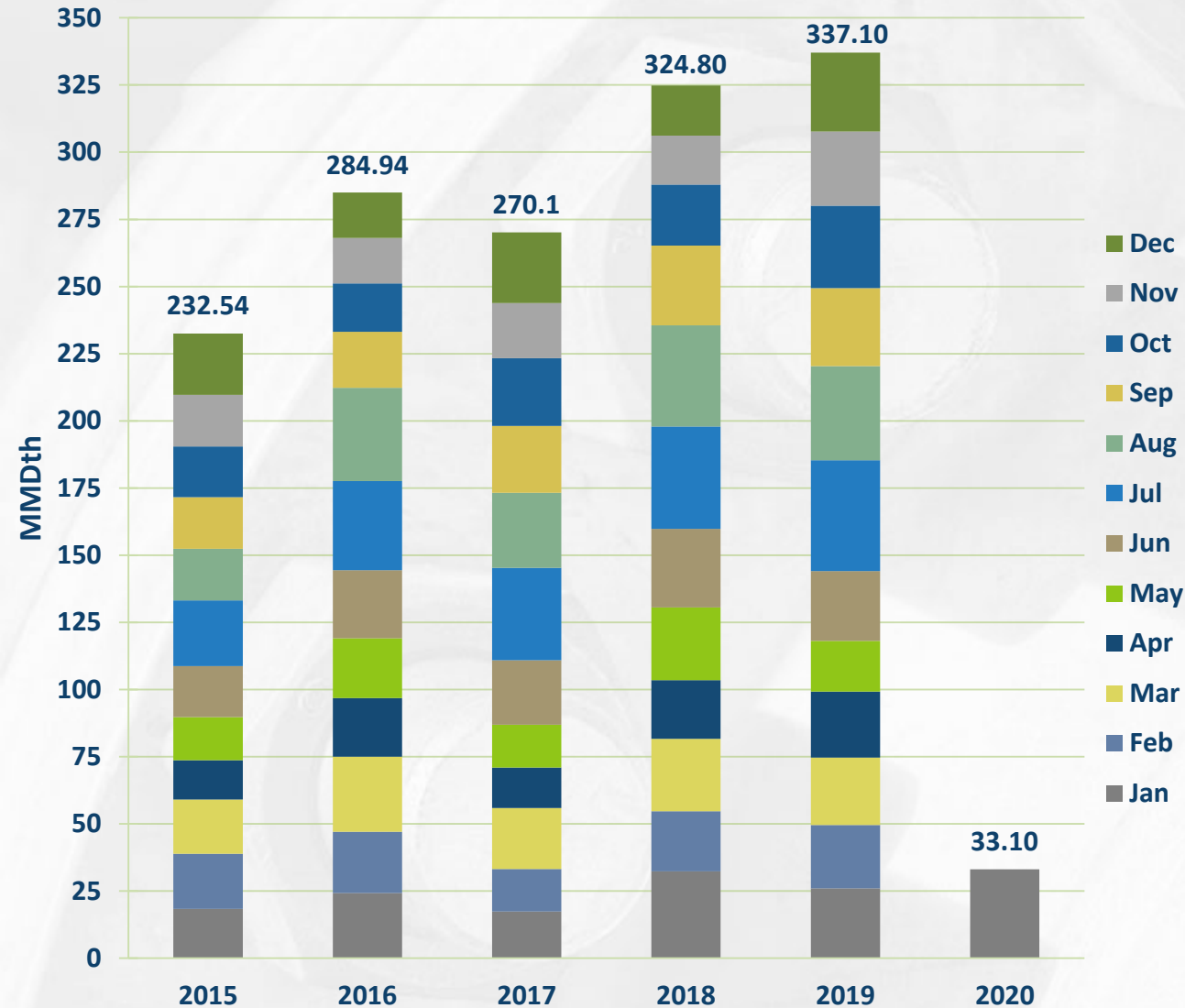


# ANR January average daily flows

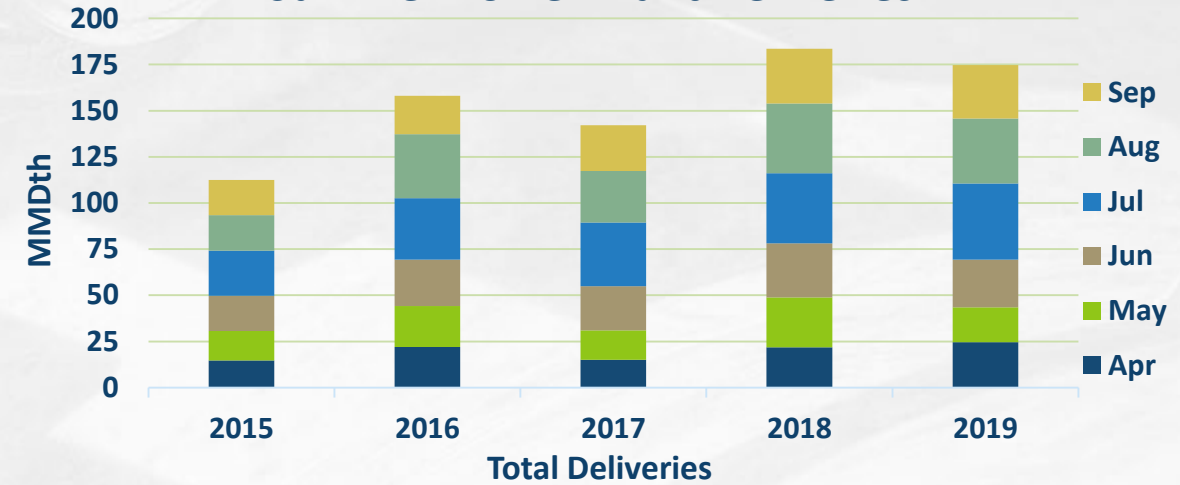
- 1 SWML Northbound flow averaged 670-MDth/d (▲ 8% December) with a utilization of 90% (▲ 8% January 2019).
- 2 Wisconsin deliveries averaged 1,531-MDth/d (▲ 11% December) with a peak flow of 1.9MMDth/d mid-month.
- 3 Michigan Leg South through St. John transitioned to a Westbound flow (↺ December) averaging 277-MDth/d (with peak flows of 1.1MMDth/d (W) and 323-MDth/d (E)).
- 4 Woolfolk averaged a Southbound flow of 752-MDth/d (▲ 392-MDth/d December, with peak flows of 1.9-MMDth/d (S) and 24-MDth/d (N)).
- 5 ANR Pipeline storage averaged a withdrawal of 877-MDth/d (▲ 27% December, with a peak flow of 2-MMDth/d).
- 6 Eunice Total averaged 1,153-MDth/d or 92% full (↔ December). Deliveries between Eunice and Patterson averaged 984-MDth/d (↔ December). ANR received an average of 231-MDth/d from offshore at Patterson (↔ December).
- 7 Southbound flows through Jena averaged 1,158-MDth/d (↔ December) with a utilization of 93% (↔ December).
- 8 REX Shelbyville receipts averaged 382-MDth/d (▼ 20% December) and Westrick Interconnect averaged 1,610-MDth/d (↔ December).
- 9 Deliveries to MichCon at Willow Run averaged 340-MDth/d (↔ December, ▼ 3% January 2019).

# ANR monthly deliveries to power plants

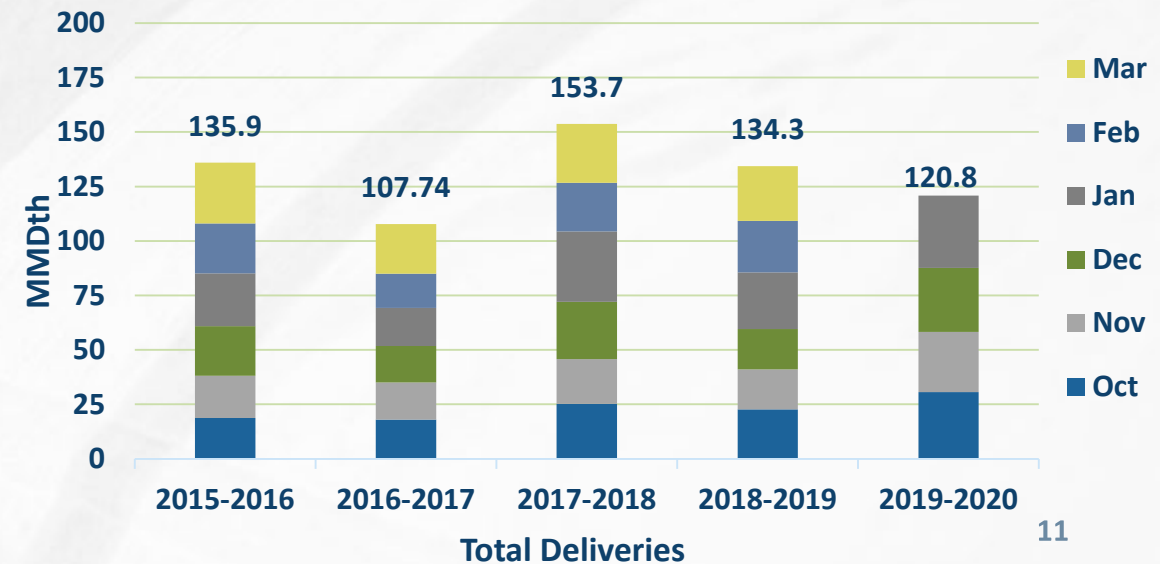
## Total Monthly Power Plant Deliveries



## Summer Power Plant Deliveries

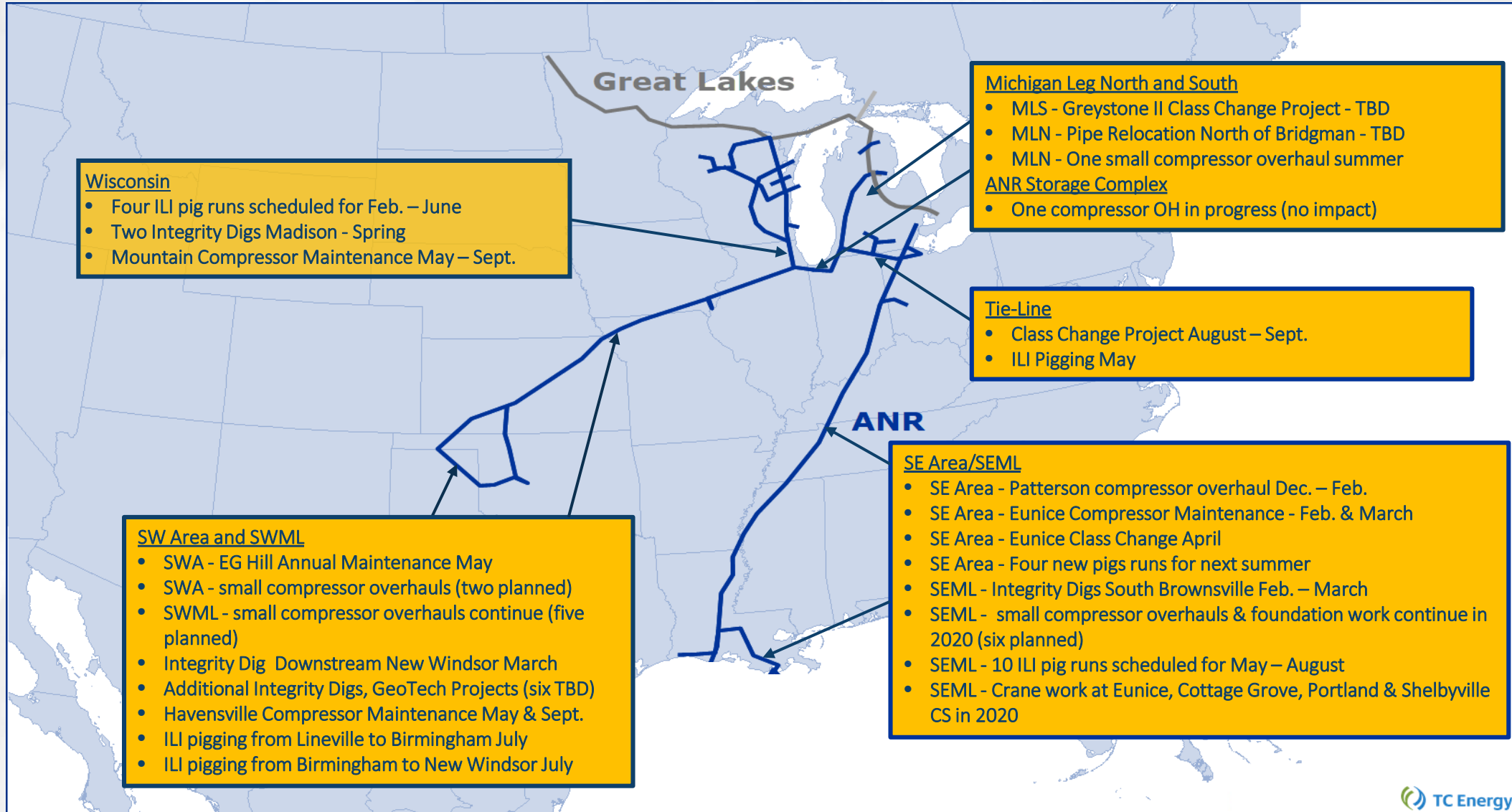


## Winter Power Plant Deliveries





# 2020 ANR maintenance activity



# ANR Posted Capacity Impacts – February 2020

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## **Brownsville Southbound (LOC #1260569) PSO ID #9588**

- 184-MMcf/d (leaving 1,000-MMcf/d available) Feb. 18 – 20

## **Delhi Southbound (LOC #1379345) PSO ID #9585**

- 185-MMcf/d (leaving 950-MMcf/d available) Feb. 18 – 19

## **Eunice Total Location (LOC #505592) PSO ID #9586**

- 157-MMcf/d (leaving 1050-MMcf/d available) Feb. 18 – 25

# Outage postings

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- 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.







# ANR Nominations & Scheduling

Curt Mrowiec – Noms and Scheduling

# Storage: Cycling of Gas

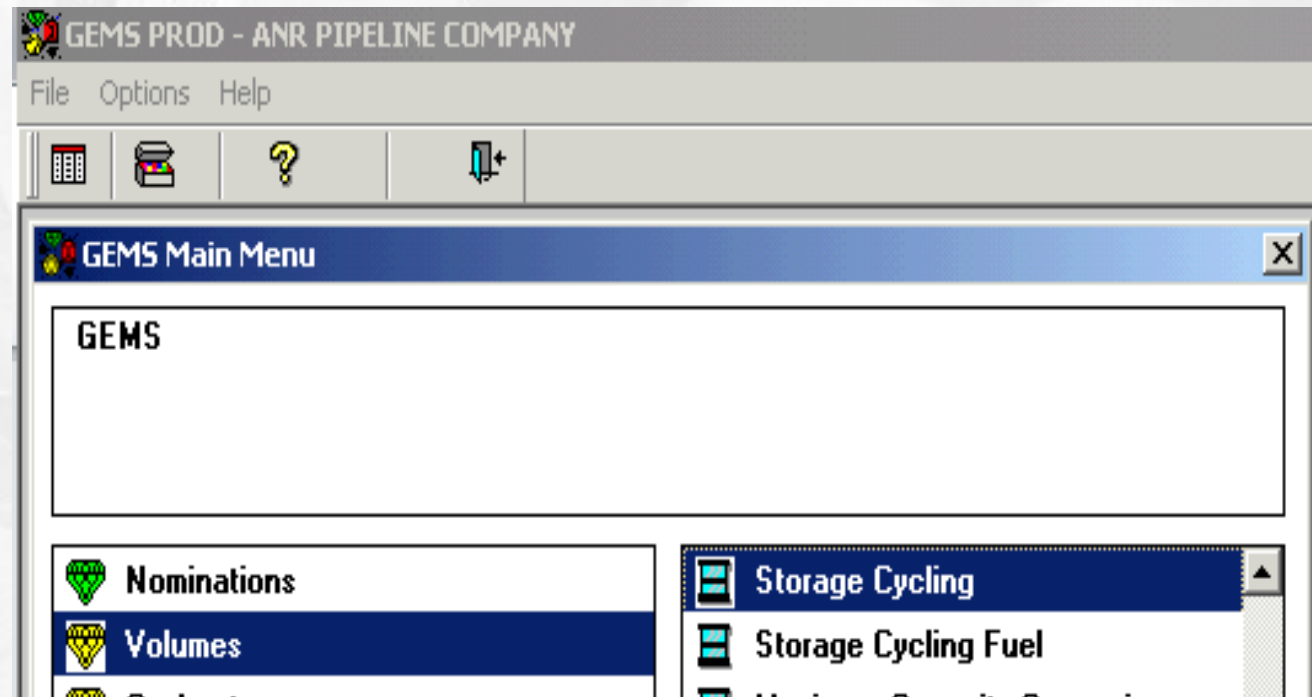
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- Cycling of Gas applies to Rate Schedule FSS as indicated in ANRPL's Tariff under Part 5.12.6
- Annual Contracts:
  - Once the total withdrawal activity for a Cycling year exceeds  $1.42 \times \text{MSQ}$ , then all subsequent withdrawal activity would be assessed as Overrun for Cycling of Gas at the Overrun rate
  - May inject or withdraw any day of the Storage contract year, provided they do not withdraw in excess of their current available inventory or inject quantities above the MSQ
- Seasonal Contracts:
  - Shipper has right to withdraw up to their Contract MSQ
- Annual Cycling is permitted up to 1.42 times the MSQ physical withdrawal scheduled, and if any Shipper with a Base MDWQ between  $1/10$ - $1/49$  of its MSQ, the respective Injection Period and Withdrawal Period quantities shall be equal to the quotient divided by the sum of (a) the Shipper's MSQ divided by its Base MDWQ; and (b) the Shipper's MSQ divided by its Base MDIQ

# Storage: Cycling of Gas

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GEMS → Main Menu → Volumes → Storage Cycling





# Reminder: Storage Cycling Fuel

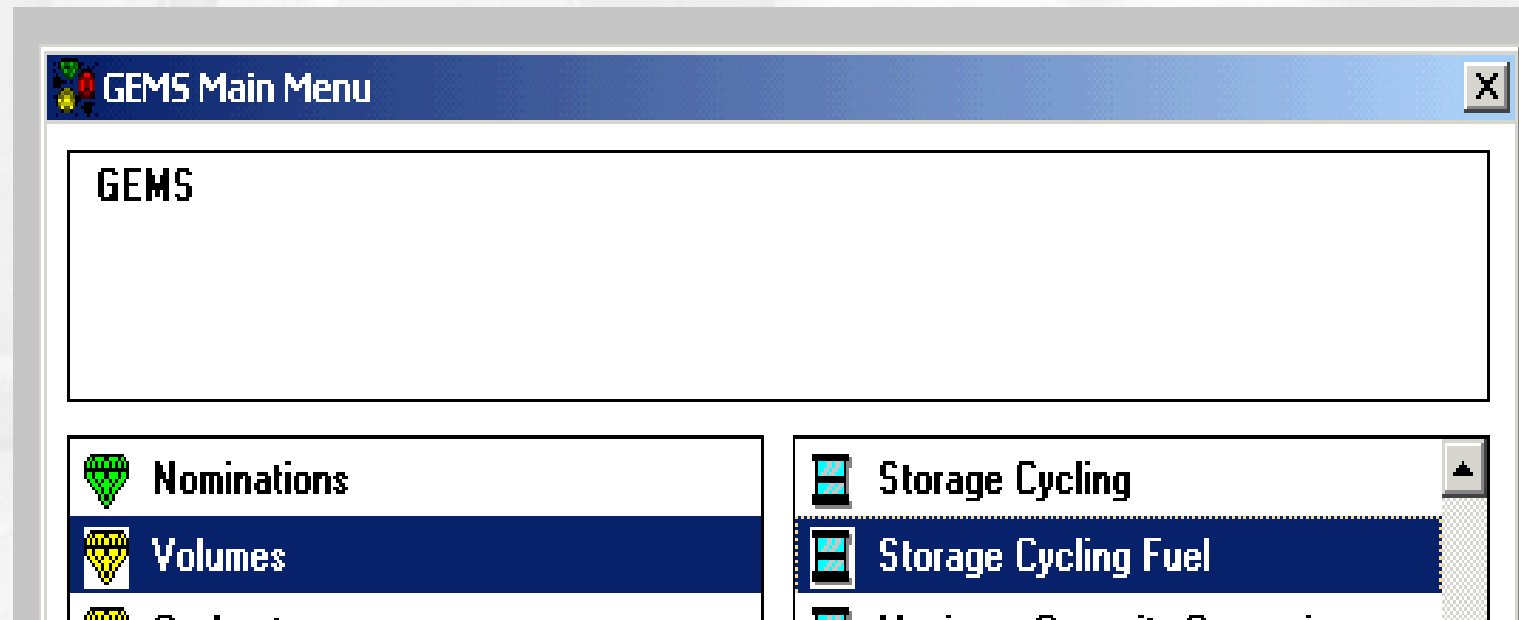
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- Cycling Fuel Assessment applies on Rate Schedules FSS and STS as indicated in ANRPL's Tariff under Part 5.12.3 Paragraph 7 and Part 5.2.3
- The quantity of Gas equal to Transporter's Use (%) times the quantity of Working Storage Gas in excess of 20% of Shipper's MSQ at the end of the Winter Period.
- Cycling Fuel rate will equal the April 1 rate of the current calendar year. The Cycling Fuel quantities will be assessed from the Shipper's applicable storage account.

# Storage Cycling Fuel - Reminder

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GEMS → Main Menu → Volumes → Storage Cycling Fuel



# ANRPL Transporters Use (%) – April 2020

- ANRPL Annual FERC Filing for updated Transporters Use (%) is available on ANRPL's website
  - *Quick Links* → *Rates and Filings* → *FERC Filings* to view all filings → select PDF
- This filing is awaiting FERC approval, which is expected anytime prior to April 1, 2020
- ANRPL will post a Critical Notice indicating when the approved rates have been updated in GEMS for nominations
- Until this Notice is available, please refrain from submitting nominations in GEMS for April 2020 and forward



## Informational Postings

Capacity  
Gas Quality  
Index of Customers  
Locations  
Notices  
Posted Imbalances  
Regulatory |  
Standards of Conduct  
Tariff  
Transactional Reporting  
Notice Search  
Meter Request Process  
Other  
Downloads  
System Maps  
Search Tariff

## Current FERC Filings From ANR Pipeline

File Name	Size	Posted
<a href="#">anr wps non-conf agmt.pdf</a>	<a href="#">1196416</a>	<a href="#">3/1/2019 8:55:43 AM</a>
<a href="#">anr wise agreements filing april.pdf</a>	<a href="#">1172464</a>	<a href="#">3/1/2019 8:55:42 AM</a>
<a href="#">2-28-19 anr 2019 fuel filing app c vol 2.pdf</a>	<a href="#">19599600</a>	<a href="#">2/28/2019 1:35:13 PM</a>
<a href="#">2-28-19 anr 2019 fuel filing app c vol-1.pdf</a>	<a href="#">18367771</a>	<a href="#">2/28/2019 1:35:08 PM</a>
<a href="#">2-28-19 anr 2019 fuel filing.pdf</a>	<a href="#">529844</a>	<a href="#">2/28/2019 1:35:07 PM</a>
<a href="#">anrpipelineformno501-greport.pdf</a>	<a href="#">262914</a>	<a href="#">12/6/2018 2:35:52 PM</a>



# Questions

# ANR Customer Assistance

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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@tcenergy.com](mailto:ANR_Noms_Scheduling@tcenergy.com)

Web address for the ANRPL Tariff: [www.anrebb.transcanada.com](http://www.anrebb.transcanada.com)