

A photograph of an industrial facility, likely a power plant or refinery, featuring a complex network of large, white, curved pipes supported by a dark metal framework. The ground is covered in gravel. The sky is blue with scattered white clouds. In the background, there are more industrial structures and a yellow container.

ANR Monthly Customer Update

March 2020





Safety Moment

TC Energy's COVID-19 response

As we do in our regular day-to-day operations, we remain committed to:

- Safe, reliable and efficient operation of our pipeline and storage systems
- Protecting our teams, partners and communities
- Ensuring no interruption to customers

Protecting our teams, partners and communities

- Remote work in effect for all employees and contingent workforce contractors (CWC) that have the ability to work remotely
- Steps taken to ensure the safety of essential personnel
- Business travel restrictions in place
- Conference calls in place of face-to-face meetings

Ensuring no interruption to customers

- Business continuity plans in action
- Control centers locked down to essential personnel
- Backup facilities tested and prepared
- All communication proceeds as usual

Agenda

Storage Update

Jeffery Keck, Operations Planning

Operational Update

Michael Gosselin, Gas Control & Planning

Noms & Scheduling

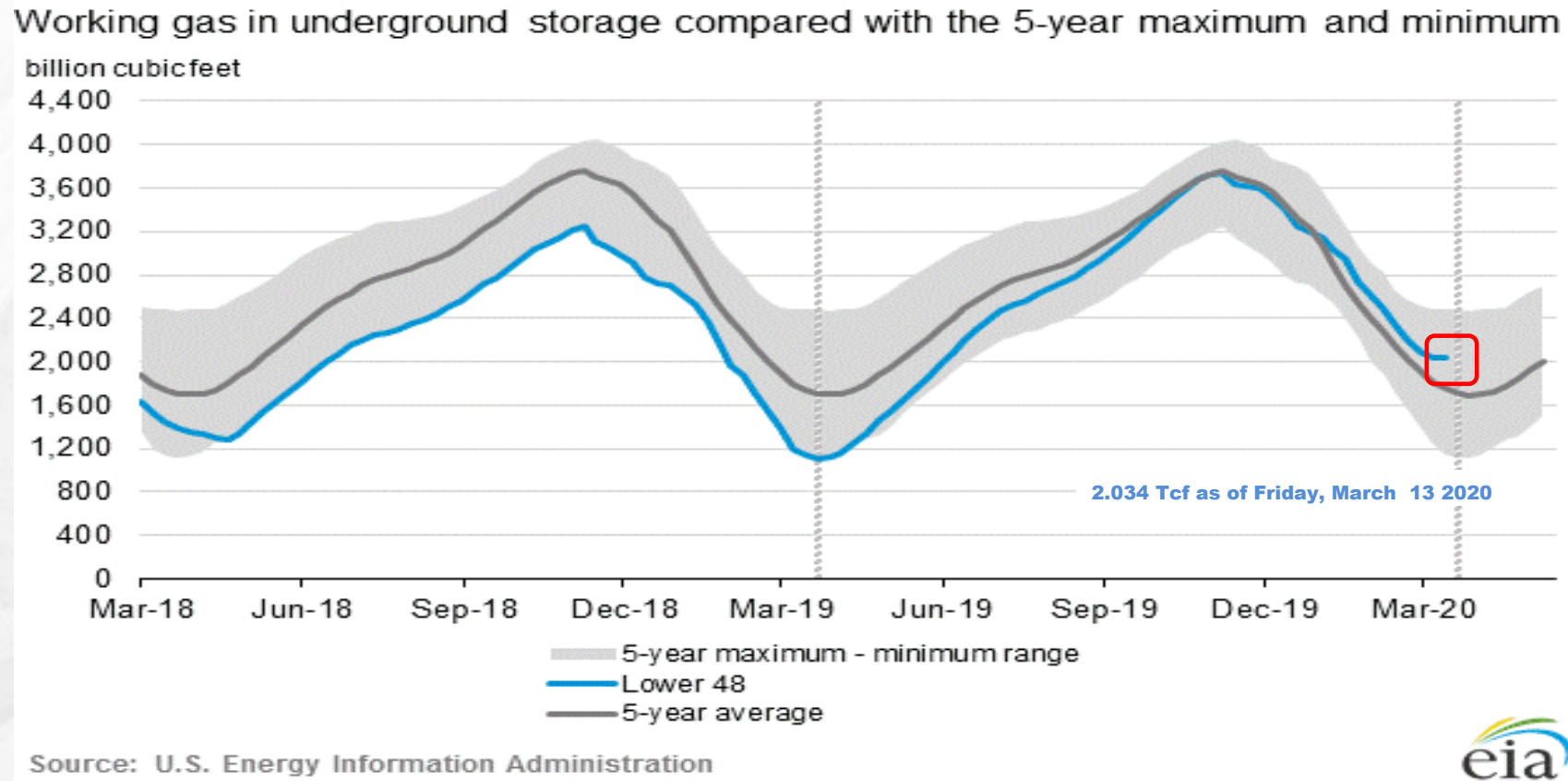
DeAnna Parsell, Noms & Scheduling





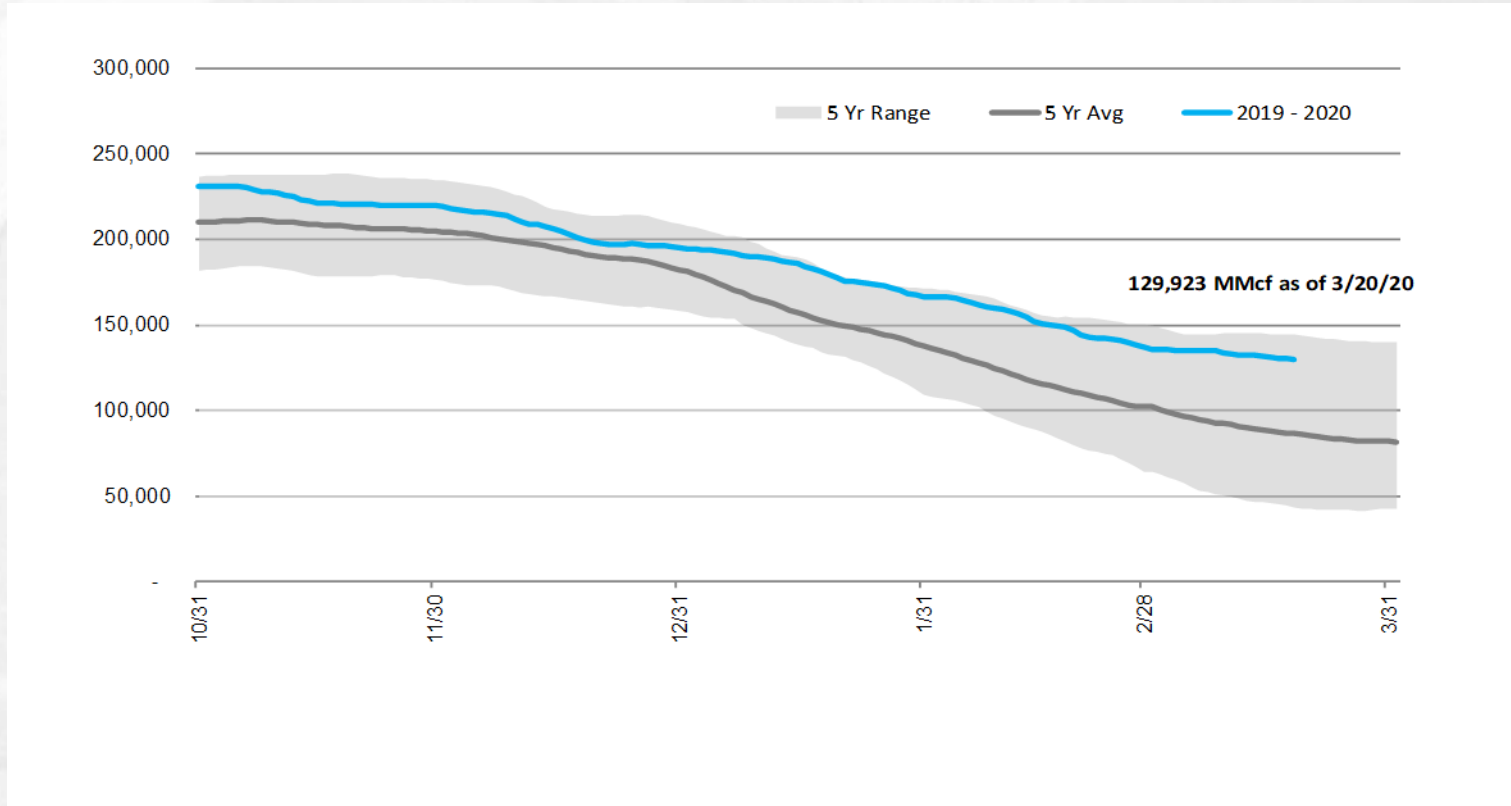
ANR Storage Update
Jeffery Keck – Operations Planning

EIA storage position: The big picture



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

Storage position



- Content is:
 - 87 Bcf above the five-year average
 - 44 Bcf above the five-year maximum

Storage operations

- From Feb. 13 – March 19, storage activity averaged a withdrawal of about 704-MMcf/d. However, daily activity varied from an injection of about 150-MMcf/d to a withdrawal of almost 2.2-Bcf/d.
- ANR has met all firm customer demand for storage activity on both injection and withdrawal.
- Capacity is 52% full as we near the end of the winter season.
- There are currently no posted restrictions on storage activity. However, the storage field contents and customer activity are under continuous review to determine if further postings will be necessary to protect firm customer capacity.



Storage operations

- The weather is expected to be mostly normal to above normal over the next couple of weeks. This means that moderate withdrawals are generally anticipated.
- Season ending contents are higher than normal. This means that injection capacity may become constrained earlier in the season since there will be less capacity to fill.



Operational Update

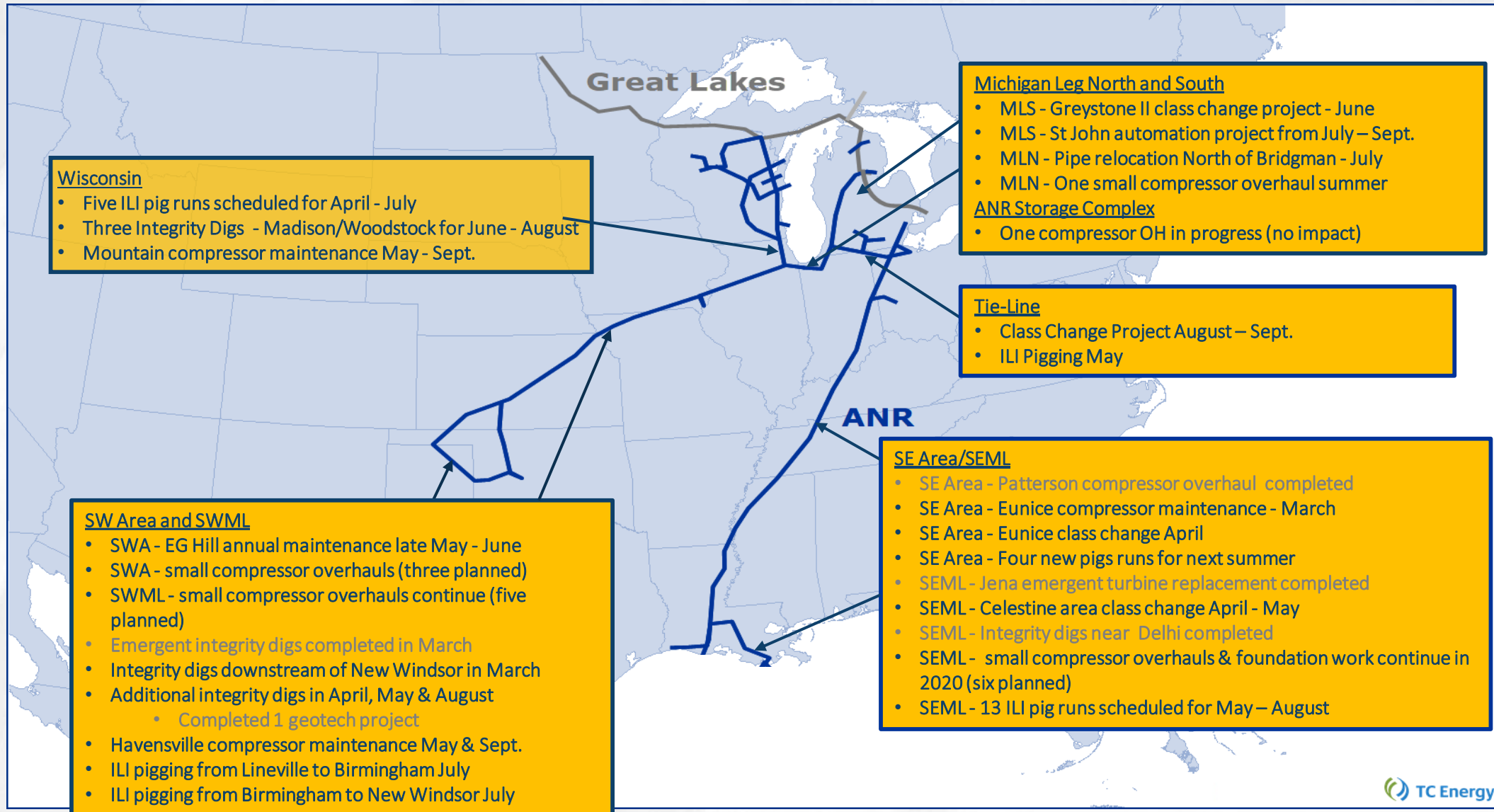
Michael Gosselin – Gas Control & Operations Planning



ANR February average daily flows

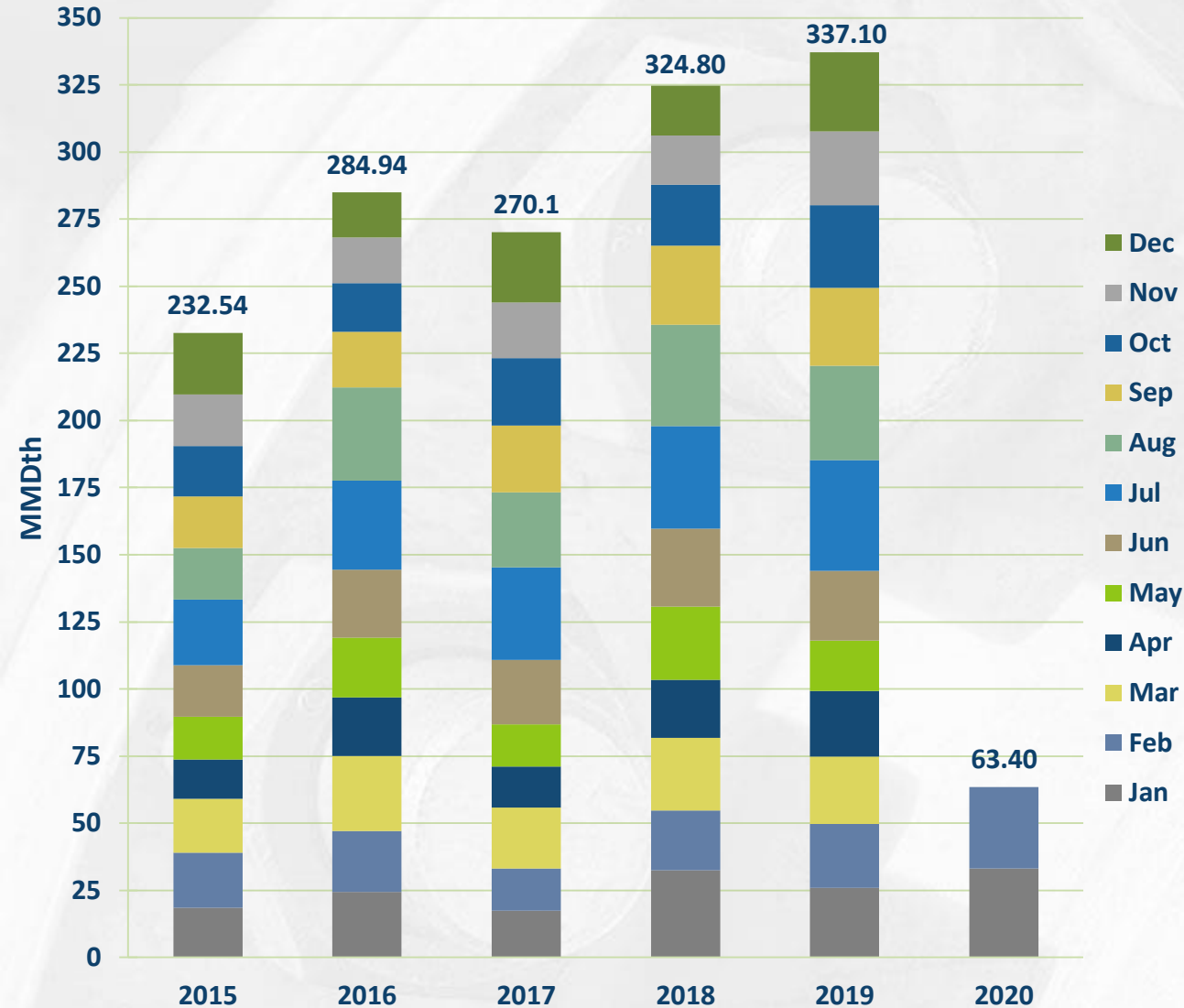
- 1 SWML Northbound flow averaged 649-MDth/d (▼ 3% January) with a utilization of 88% (▲ 11% February 2019).
- 2 Wisconsin deliveries averaged 1,539-MDth/d (↔ January) with a peak flow just over 2-MMDth/d mid-month.
- 3 Michigan Leg South through St. John averaged a Westbound flow of 333-MDth/d (▲ 20% January) with peak flows of 1.1MMDth/d (W) and 473-MDth/d (E).
- 4 Woolfolk averaged a Southbound flow of 974-MDth/d (▲ 29% January, with peak flows of 2-MMDth/d (S) and 110-MDth/d (N)).
- 5 ANR Pipeline storage averaged a withdrawal of 937-MDth/d (▲ 7% January, with a peak flow of 2.1-MMDth/d).
- 6 Eunice Total averaged 1,128-MDth/d (▼ 2% January) with a utilization of 92% (↔ January). Deliveries between Eunice and Patterson averaged 966-MDth/d (▼ 2% January). ANR received an average of 218-MDth/d from offshore at Patterson (↔ January).
- 7 Southbound flows through Jena averaged 1,157-MDth/d (↔ January) with a utilization of 92% (↔ January).
- 8 REX Shelbyville receipts averaged 463-MDth/d (▲ 21% January) and Westrick Interconnect averaged 1,471-MDth/d (▼ 8% January).
- 9 Deliveries to MichCon at Willow Run averaged 196-MDth/d (▼ 42% January, ▼ 17% February 2019).

2020 ANR maintenance activity

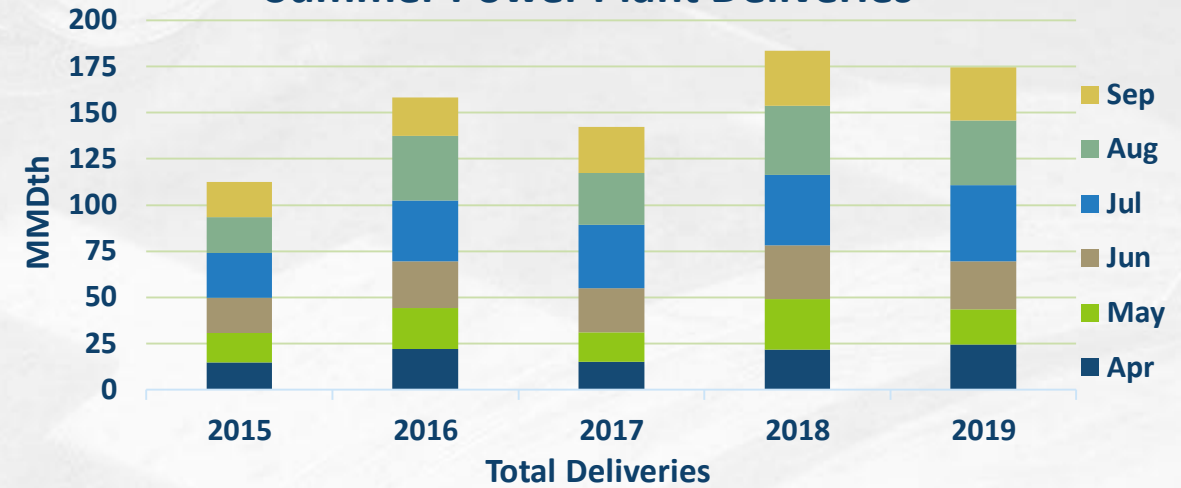


ANR monthly deliveries to Power Plants

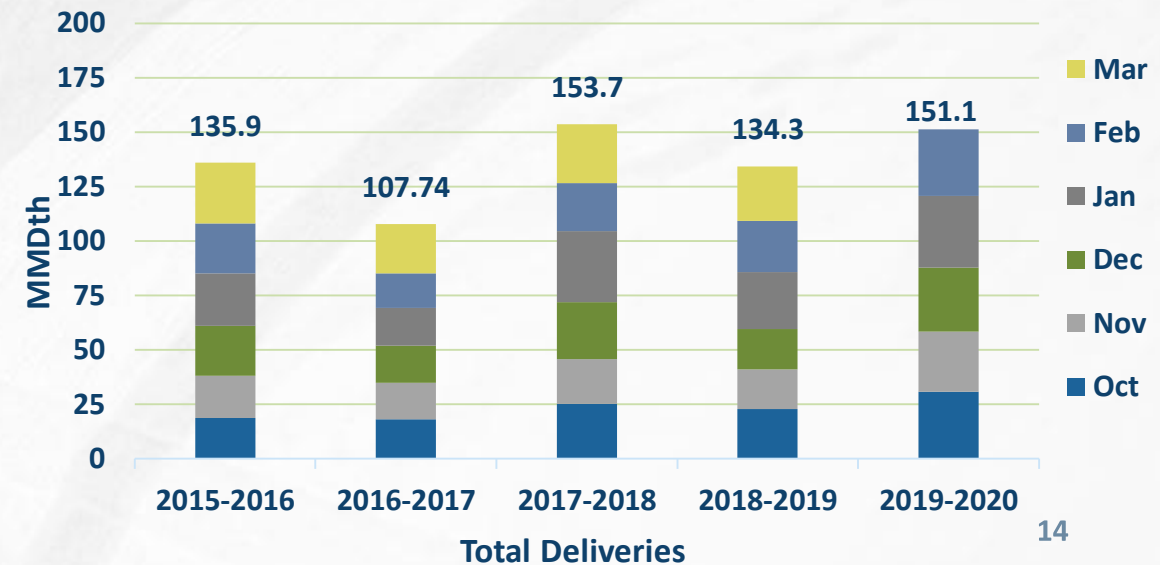
Total Monthly Power Plant Deliveries



Summer Power Plant Deliveries



Winter Power Plant Deliveries



ANR posted capacity impacts – March 2020

Eunice Total Location (LOC #505592) PSO ID #9636

- 207-MMcf/d (leaving 1,000-MMcf/d available) March 25
- 307-MMcf/d (leaving 900-MMcf/d available) March 26


Delhi Southbound (LOC #1379345) PSO ID #9631

- 165-MMcf/d (leaving 970-MMcf/d available) March 25 – 26

Outage postings

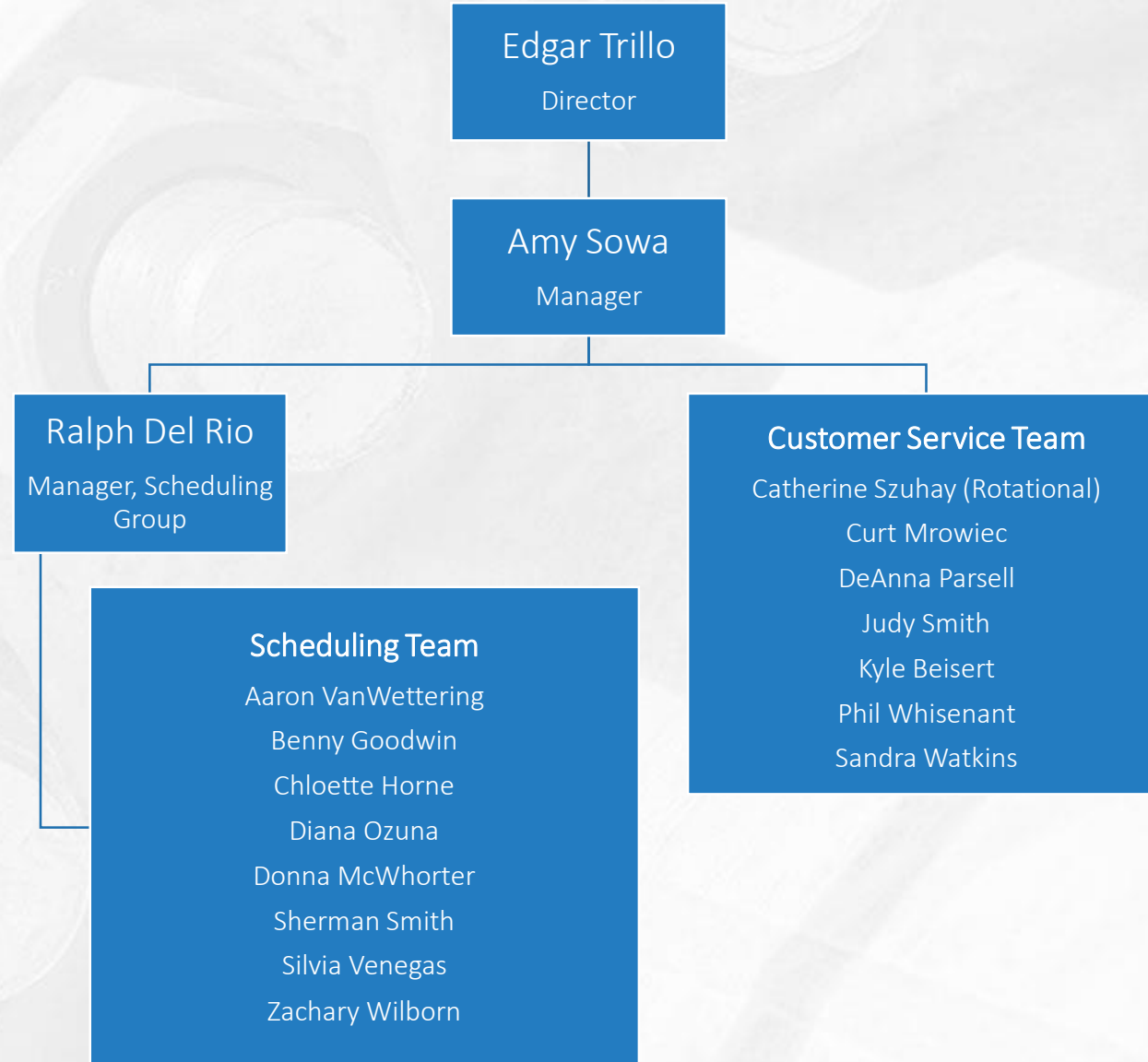
- Service impacts are estimates. Actual nominations, markets, weather and pipeline conditions determine any level of curtailments.
- Projects may be added, altered, delayed or cancelled. Emergent work cannot be planned and will happen from time to time.
- Notice of such planned work, including additions 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.





ANR Nominations & Scheduling
DeAnna Parsell – Noms and Scheduling

Nominations & Scheduling Central



April 1 storage reminders

- Storage cycling of gas
 - Annual Cycling is permitted up to 1.42 times the MSQ physical withdrawal scheduled.
- Storage cycling fuel
 - Applies to FSS & STS customers' contracts where the working storage gas exceeds 20 percent of the shipper's MSQ at the end of the winter period.
- Expired contracts
 - FSS customers with contracts expiring effective gas day March 31 will need to transfer the ending balance from the terminating contract to another contract effective gas day April 1.
- Infield storage transfers for FTS-3 & ITS-3 rate schedules
 - Since FTS-3 & ITS-3 rate schedules are not storage services under the Tariff, FTS-3 & ITS-3 In-Kind variances quantities will no longer be permitted to be managed via infield storage transfers.

April 1 ANR Pipeline filings

- ANR Pipeline fuel filing – approved
 - Filed to be applicable to gas flowing all directions on ANR Pipeline
 - Rates entered into GEMS effective Wednesday, April 1
- Daily scheduling penalties – pending approval
 - To be assed to allocated volumes outside the Swing Percentage, up to the MDQ
 - Applicable rate schedules: ETS, FTS-1, FTS-2, ITS
 - 1 x applicable ITS rate/dth
 - 10% -/+ scheduled volume tolerance
- Unauthorized overrun – pending approval
 - To be assed to allocated volumes in EXCESS of contract MDQ and scheduled overrun
 - Applicable rate schedules: ETS, STS, PTS-2, FTS-1, FTS-2, FTS-3
 - 2 x applicable ITS rate/dth

Questions



US\$ 0.8	0.2	
US\$ 0.7	0.3	
US\$ 0.6	0.4	
US\$ 0.5	0.5	
US\$ 0.4	0.6	
US\$ 0.3	0.7	
US\$ 0.2	0.8	
US\$ 0.1	0.9	
US\$ 0.0	1.0	
Total Conversion Expenses		14.2

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@tcenergy.com

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