



### **Memorial Day safety reminders**

- Food safety
- Water safety
- Grill/fire safety
- Safe sun exposure
- Travel safety



### Did you know?



TC Energy has a podcast series

– TC Connects.

Visit <u>tcenergy.com/podcasts</u> to hear more!



TC Energy has gone all-in on AWS. Our migration to the AWS cloud was a significant factor in a quick and seamless transition to work remotely so we could do our part to slow the spread of COVID-19 and protect our communities.



You can read a quarterly INGAA blog by Stan Chapman at ingaa.org/energylink.

The latest blog, The natural gas industry is prepared for times like these, describes how our pipeline network is safely and reliably bringing stability to our nation.

### Agenda

### **Storage Update**

Jeffery Keck, Operations Planning

### **Operational Update**

Michael Gosselin, Operations Planning

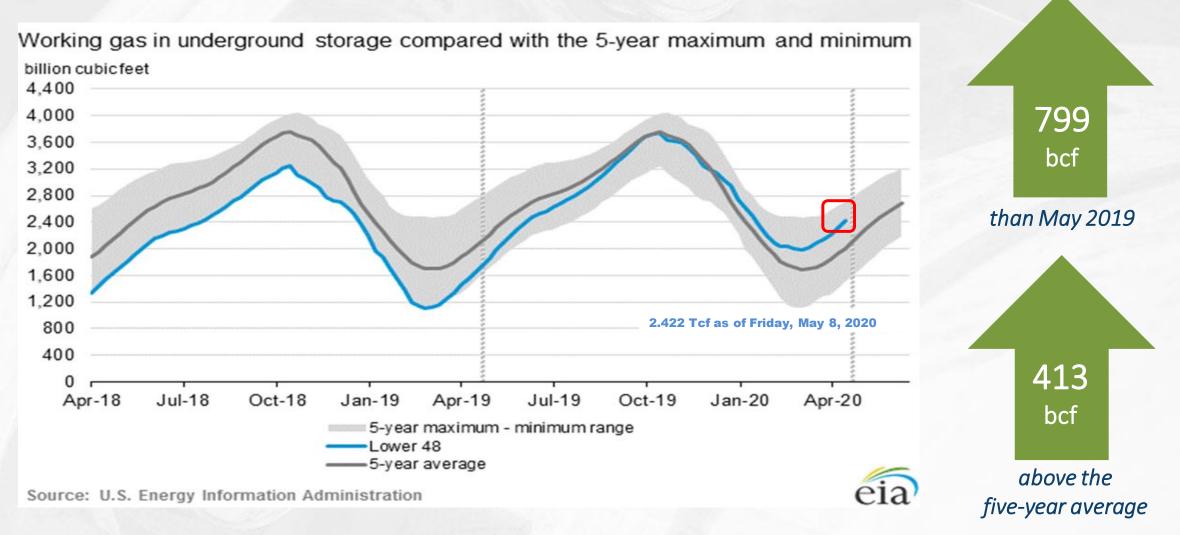
### Noms & Scheduling

DeAnna Parsell, Noms & Scheduling



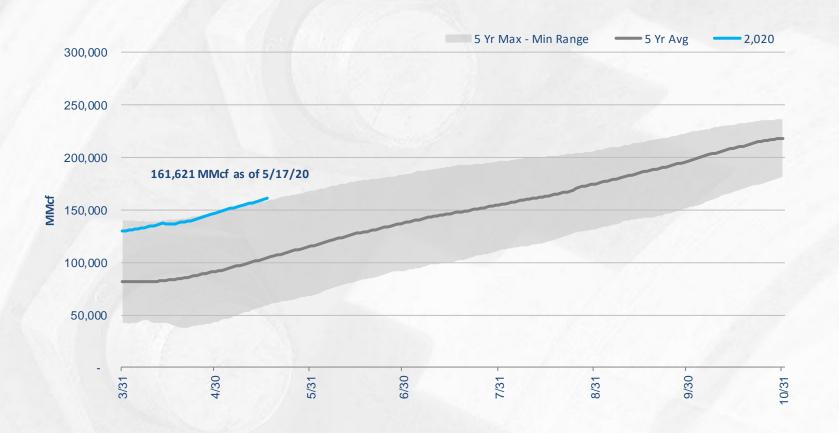


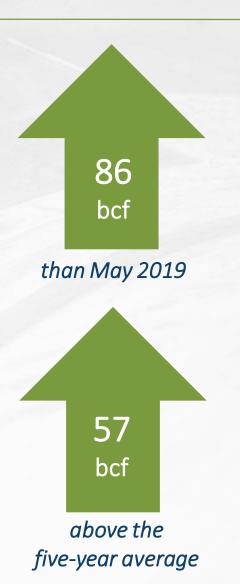
## **EIA** storage position: The big picture



## **Storage position**

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





### **Storage operations**

- From April 16 May 17, storage activity averaged an injection of about 800-MMcf/d. However, daily activity varied from an injection as low as 150-MMcf/d to as high as 1,150-MMcf/d.
- ANR has met all firm customer demand for storage activity on both injection and withdrawal.
- Capacity is 64% full 1.5 months into the injection season.
- There is currently one posted restriction on storage activity. Under this restriction, DDS and MBS storage activity is allowed, but it requires interruptible contents to be no higher on Sept. 1, 2020, than they were on March 29, 2020.

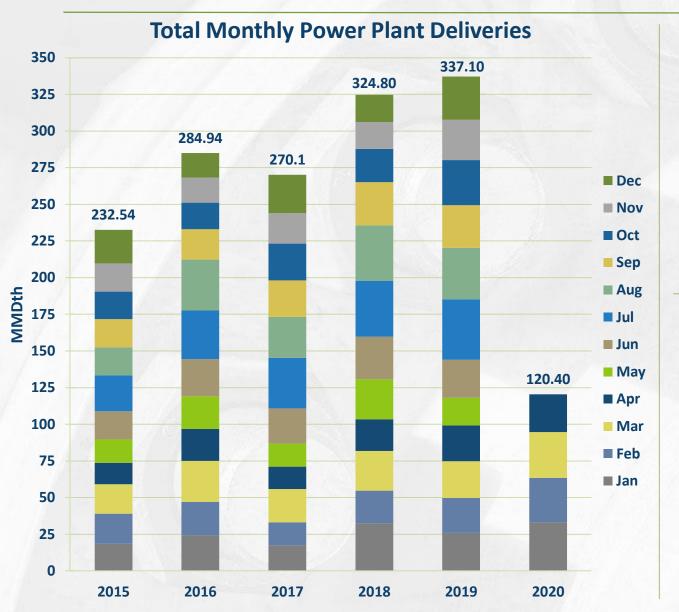


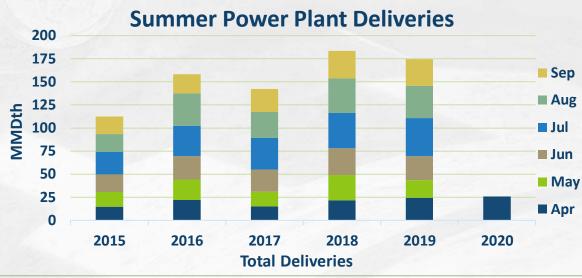
### **Storage operations**

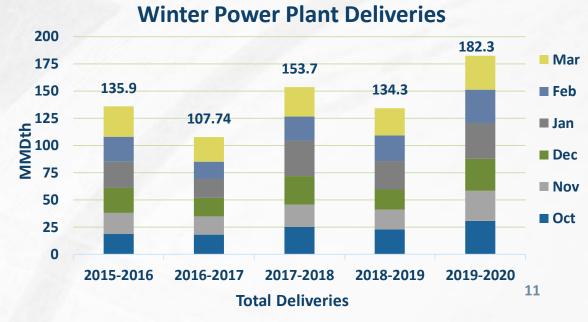
- The impacts from this summer's planned maintenance activity will be reflected on the EBB under the operationally available capacity.
- With continued low gas prices and normal weather forecasted over the next two weeks, fairly heavy injections are expected to continue.
- If current strong injection rates continue through the summer, storage capacity could be full within two three months.
- Current contents are higher than normal.
  - Injection capacity will become constrained earlier in the season since there will be less capacity to fill.



## **Monthly deliveries to Power Plants**





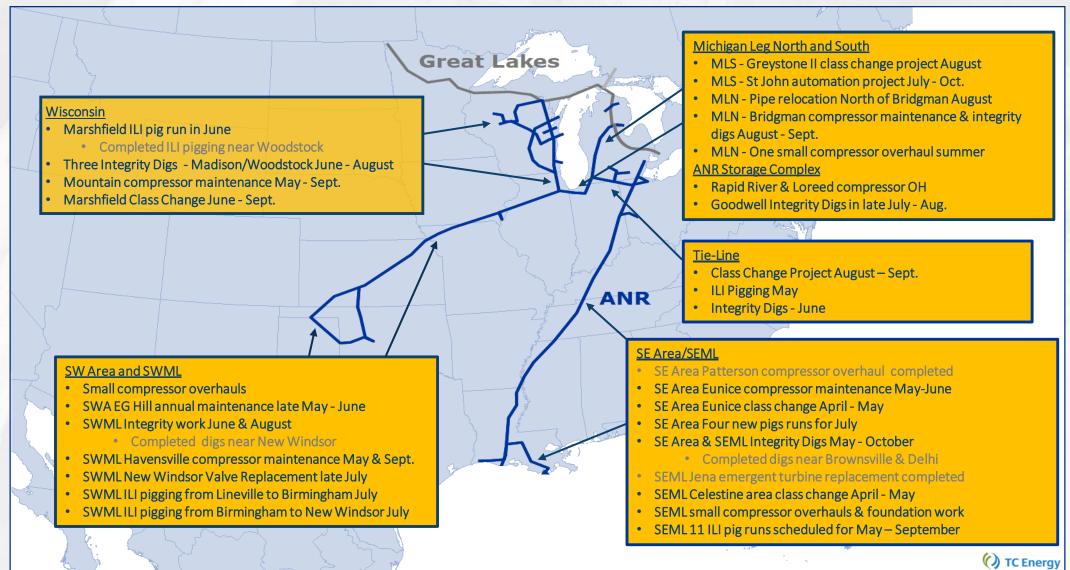




## April average daily flows

- SWML Northbound flow averaged 658-MDth/d (▲14% March and ↔ last April) with a utilization of 97% (▲ 4% March).
- Wisconsin deliveries averaged 822-MDth/d (▼36% March, but ▲16% last April) with a peak flow just over 1.2-MMDth/d.
- Michigan Leg South through St. John averaged a Eastbound flow of 557-MDth/d (▲351-MDth/d March) with peak flows of 119-Dth/d (W) and 1,005-MDth/d (E).
- Woolfolk averaged a Northbound flow of 643-MDth/d (♠ March), with peak flows of 208-MMDth/d (S) and 1,039-MDth/d (N).
- ANR Pipeline storage averaged an injection of 608-MDth/d (✓ March) with peak flows of 151-MDth/d (W) and 993-MDth/d (I).
- Eunice Total averaged 1,137-MDth/d ( → March) with a utilization of 92% ( △ 3% March). Deliveries between Eunice and Patterson averaged 949-MDth/d (▼ 6% March). ANR received an average of 210-MDth/d from offshore at Patterson (▼ 15% March).
- Southbound flows through Jena averaged 1,188-MDth/d (▲ 2% March) with a utilization of 95% (↔ March).
- REX Shelbyville receipts averaged 472-MDth/d (▼72-MDth/d March) and Westrick Interconnect averaged 1,582-MDth/d (▲72-MDth/d March).
- Deliveries to MichCon at Willow Run averaged 534-MDth/d (▲31-MDth/d March).

# **2020 ANR Maintenance Activity**



### **Posted capacity impacts**

#### SW Area (6/1 -6/5) PSO #9700

- E.G. Hill Northbound (LOC #226643)
  - 140-MMcf/d (leaving 75-MMcf/d available)
- Custer Northbound (LOC #226644)
  - 24-MMcf/d (leaving 16-MMcf/d available)
- Mooreland Northbound (LOC #9505448)
  - 106-MMcf/d (leaving 100-MMcf/d available)

#### SWML Northbound (LOC#226630) PSO ID #9697

- 102-MMcf/d (leaving 589-MMcf/d available) May 19 –
   23
- 35-MMcf/d (leaving 656-MMcf/d available) June 11
- 35-MMcf/d (leaving 656-MMcf/d available) June 22
- 35-MMcf/d (leaving 656-MMcf/d available) June 25

#### Michigan Leg South (6/1 -6/5) PSO #9698

 Firm Primary Only: Joliet NGPL (LOC# 2610), Joliet (MGT-Rec) (LOC# 48641), Youngs Road Del (LOC# 523090)

#### Cottage Grove Southbound (LOC #505614) PSO #9654

- 81-MMcf/d (leaving 1,064-MMcf/d available) April 7 May 26
- 100-MMcf/d (leaving 1,045-MMcf/d available) May 27 July 29

#### Eunice Eastbound (LOC #226641) PSO ID #9692

200-MMcf/d (leaving 287-MMcf/d available) May 18 –
 28

#### **Eunice Total (LOC #505592) PSO ID #9702**

121-MMcf/d (leaving 1,050-MMcf/d available) May 18 –
 28

#### SE Gathering Area (April 27 – May 22) PSO ID #9673

Shut In: Stingray Int (LOC #135819), Cameron (LOC #43456), Hogs Bayou No 2 (LOC #22040), Kings Bayou No 2 (LOC #150708), Henry Estate Int. (LOC #199331), Henry Estate (Buyback) (LOC #314210)

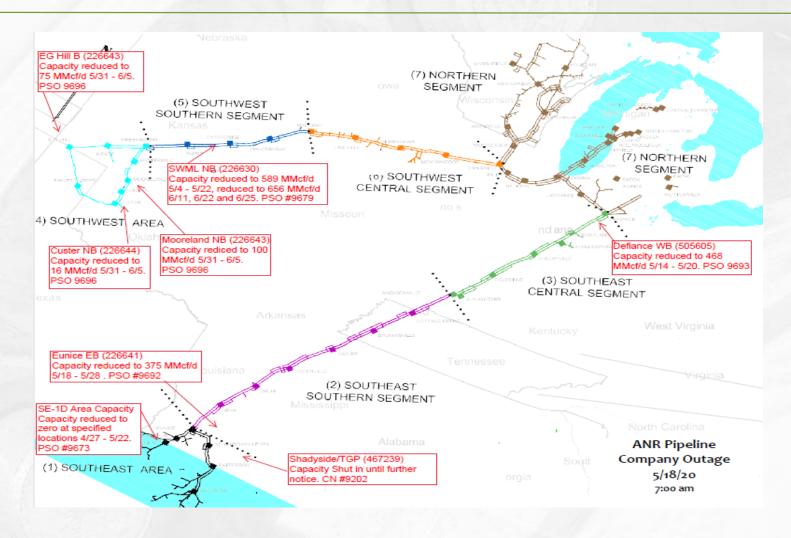
### **Outage postings**

- 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.



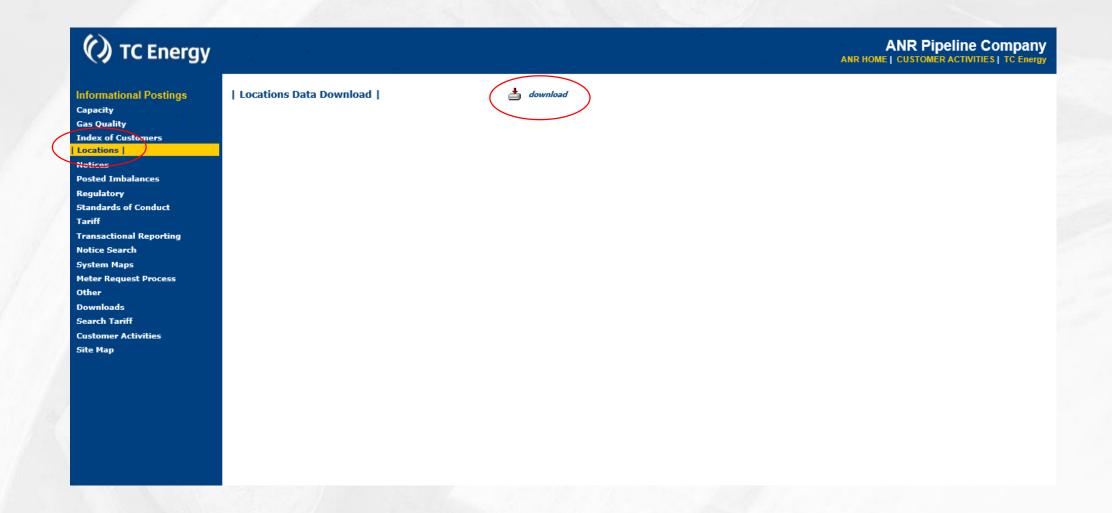


### **Outage map**



Can be accessed at <a href="mailto:anrpl.com">anrpl.com</a> under "What's New" or through "Quick Links'" – "Available Capacity"

# **ANRPL** info postings – Locations

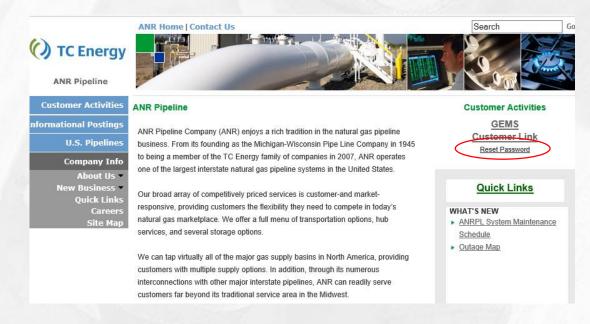


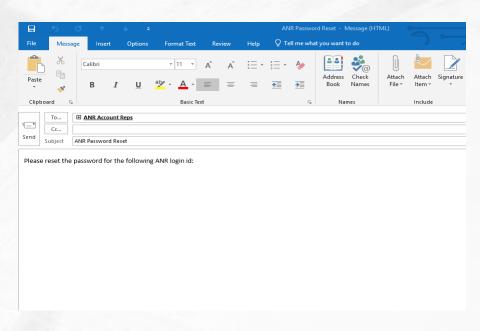
# **Downloaded location data**

А	В	С	D	Е	F	G	Н	1	J	K	L	M	N	0	P
Transportation Service Provider Name:				ANR Pipe	line Company	•									
Transportation Service Provider:				6958581				703 total loc	cs		744 gems				
Transporation Service Provider FERC CID:			C000623												
Location Name	Loc	Loc St Abb	Loc Cntv	Loc Zone	Loc Type Ind	Dir Flo	Loc Stat I	n Eff Date	Inact Da	te Un/Dn Inc	Up/Dn Name	Up/Dn ID	Un/Dn ID	Up/Dn Loc	Un/Dn Loc
ABBOTSFORD/EDGAR	28759		Marathon		LDC	D	A	1/1/1983		N	Wisconsin Gas Ll	7947047	00,01110	(Op) 511 200	op, 511 200
ACADIA 2 INT DEL	523091		Acadia	Zone 1	INT	R	A	6/1/2009		Y	Kinder Morgan L	809611911		ANR/KMLI	44395
ACADIA 2 INT REC	767091		Acadia	Zone 1	INT	R	A	6/1/2009		Y	Kinder Morgan L			ANR/KMLI	44395
ACADIA POWER PLANT	322045		Acadia	Zone 1	PLT	D	A	2/25/2009		N	Cleco Power	6948178		7	
ADAMS WI	28865		Waushara		LDC	D	A	1/1/1983		N	Wisconsin Gas LL	7947047			
ADRIAN/WESTSIDE PL CO			Lenawee		INT	D	A	6/1/1993		N	Westside Pipelir				
ALBANY	12977		Gentry	Zone 6	END	D	A	1/1/1983		N	Albany City Of	46334660			
ALCAN ALUMINUM INT	40462			Zone 3	END	D	A	9/27/2013		N	Alcan Ingot DBA	130402258			
ALDEN/WILLIAMS NAT GA			Rice	Zone 5	INT	R	A	8/17/1984		Y	Southern Star Ce	7906233		ANR Alder	35515
ALEDO/CITY OF ALEDO	3973		Mercer	Zone 6	END	D	A	1/1/1983		N	Aledo/City of Ale	95787032			
ALLEN PLANT	505606		Shelby	Zone 2	PLT	D	Α	10/23/2017		N	Tenn Valley Auti	1883032			
ALLERTON	4857		Wayne	Zone 6	LDC	D	Α	1/1/1983		N	Allerton Gas Con	22005821			
ALLIANCE/ANR INT	277072		Will	Zone 7	INT	R	Α	4/28/2000		Y	Alliance Pipeline			Alliance/A	IL05
ALPENA DEL/MICH CON G			Clare	Zone 7	INT	D	Α	1/1/1983		N	DTE Gas Compan	6958540			
ALPENA REC/MICH CON G		MI	Clare	Zone 7	LDC	R	Α	4/11/1988		N	DTE Gas Compan	6958540			
ALTA VISTA/CITY OF AV	5227	KS	Geary	Zone 5	END	D	Α	1/1/1983		N	Kansas Gas SVCS	504804202			
AMHERST/WISC PWR & LI	28796	WI	Portage	Zone 7	LDC	D	Α	1/1/1983		N	Wisconsin Powe	7946452			
ANDOVER	3796	IL	Mercer	Zone 6	LDC	D	Α	1/1/1983		N	Ameren Illinois (	6936017			
ANGELICA INT	266892	WI	Shawano	Zone 7	LDC	D	Α	10/15/1999		N	Wisconsin Gas LL	7947047			
ANGOLA	40185	IN	De Kalb	Zone 7	LDC	D	Α	1/1/1983		N	NIPSCO	6937585			
ANR JOLIET HUB	243097	IL	Will	Zone 7	PPT	В	Α	5/1/1998		N	ANR Pipeline Co	6958581			
ANR/GPM INT-LAVERNE	217541	ОК	Harper	Zone 4	INT	D	Α	12/7/1999		N	DCP Midstream	3048753			
ANRPL STORAGE FACILITIE	153808	MI	Osceola	Zone 7	STR	В	Α	1/1/1990		N	ANR Pipeline Co	6958581			
ANRSCO - RAPID RIVER	1260985	MI	Kalkaska	Zone 7	STA	В	Α	12/1/2012		N	ANR Pipeline Co	6958581			
ANTIGO	28730	WI	Langlade	Zone 7	LDC	D	Α	1/1/1983		N	City Gas Co	3776457			
ANTRIM PLANT	177238	MI	Otsego	Zone 7	PLT	R	Α	4/1/2013		N	DTE Gas Compan	6959540			
APPLETON	28870	WI	Winneba	Zone 7	LDC	D	Α	1/1/1983		N	Wisconsin Electr	7947385			

### **ANR GEMS password reset Reminders**

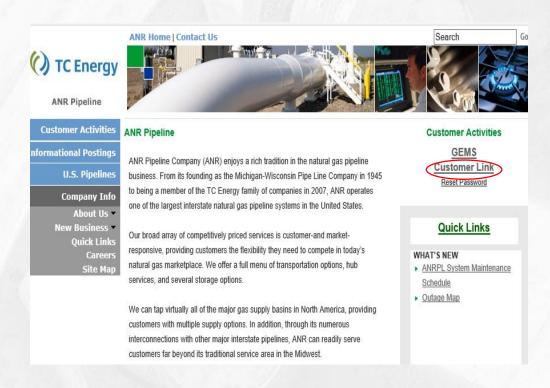
- If you lock yourself out of GEMS by too many failed login attempts (but you know your password), wait 15 minutes and the system will automatically "unlock".
- If you do not know your password and need to reset it, go to <a href="mailto:anrpl.com">anrpl.com</a> and click on the reset password link. This will draft an email to be sent to the security group. You will need to enter your ANR login ID. If after hours, please contact the on call ANR security representative.





# **ANR GEMS password change**

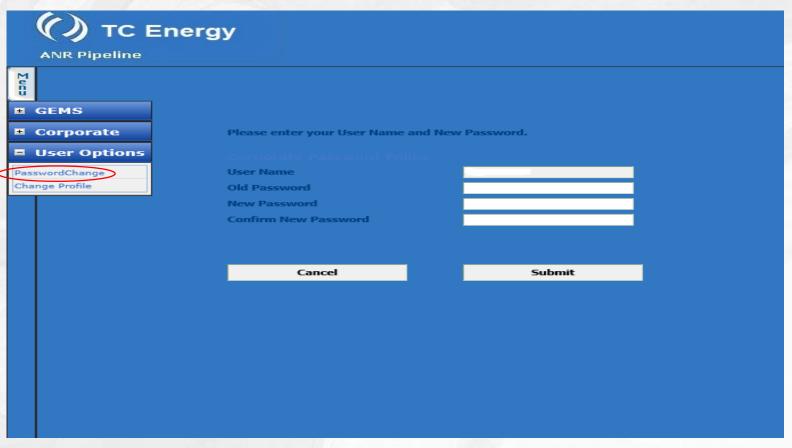
- If you know your password but would like to change it, visit <u>anrpl.com</u>:
  - Select "Customer Link"
  - Login using your GEMS ID and current password (Do not select reset password.)





# **ANR GEMS password change**

- From the menu:
  - User options
  - Password change



### **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

