



SOUTHERN STAR[®]
CENTRAL GAS PIPELINE

JUNE 24, 2021

2:00 p.m. CST

**How's It
Flowing**

Please mute your audio.

AGENDA

- Safety Moment
- PSO / Storage
- Capacity Planning
- Capacity Scheduling
- Marketing & Customer Service
- CSI/STEP Update
- Contract Administration
- Rates
- Operation/Reliability
- Trivia
- Q&A





SOUTHERN STAR[®]

CENTRAL GAS PIPELINE

POOL SAFETY

If you own a home with a pool – or are visiting a home with a pool – take steps to protect children from drowning.

After birth defects, drowning is the **No. 1** cause of death for children ages 1-4 years. Many of these children drown in pools at people's homes – often during times no one was supposed to be swimming. Children can climb out a window, crawl through a doggy door, or exit an unattended door to get to the pool. Drowning is silent and happens in minutes.

LIFEGUARD
+
ON DUTY

An adult should **constantly watch children** at all times when they are in or by the pool. **Learn CPR.**

Every pool should have a fence that surrounds all four sides, **especially the side that separates the house from the pool.** The fence should be non-climbable, at least 4 feet high, and have a gate that is self-closing and self-latching.



Swimming lessons can help reduce the risk of drowning for children.

Some kids may be ready to start swim lessons after age 1.



Pool covers, door alarms, window guards and **pool alarms** can be additional layers of protection when used with a fence.



Keep toys **out of the pool** when not in use.



SAFETY MOMENT

PSO (PLANNED SERVICE OUTAGE)

Customer Activities

Login

Informational Postings

Capacity

Gas Quality

Index of Customers

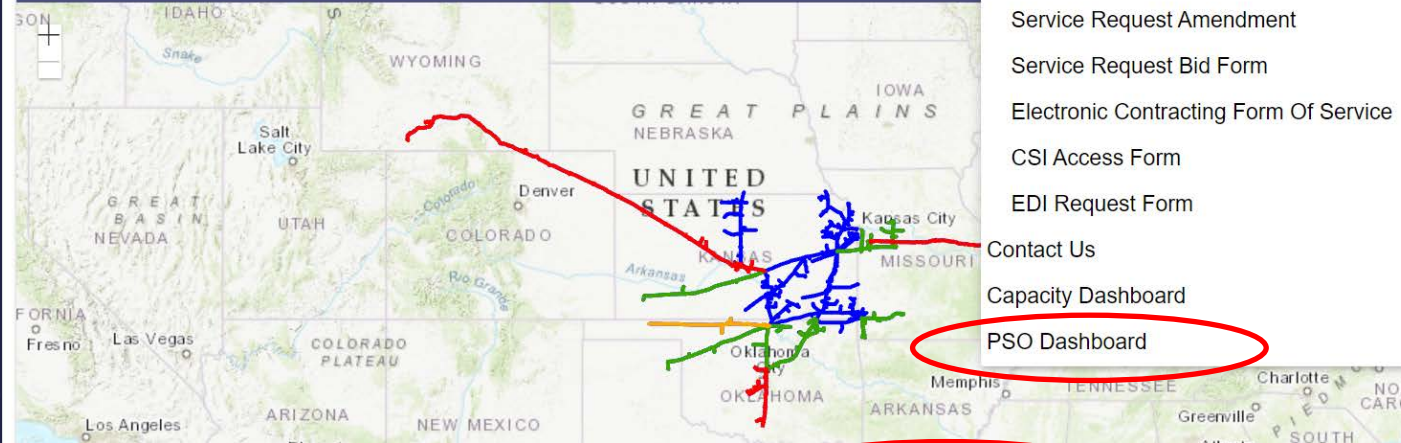
Locations

Notices

Posted Imbalances

Regulatory

Capacity Map



Download PSO PDF Version

Historical Average ID3 Schedule Volume through Constraints (C

PSO Dashboard Tutorial

No Data

Constraint Locations

PSO

Planned Service
Outage Constraints

- No Reduction
- Reduction between 0% to 25%
- Reduction between 25% to 50%
- Reduction

Constraint Reduction %

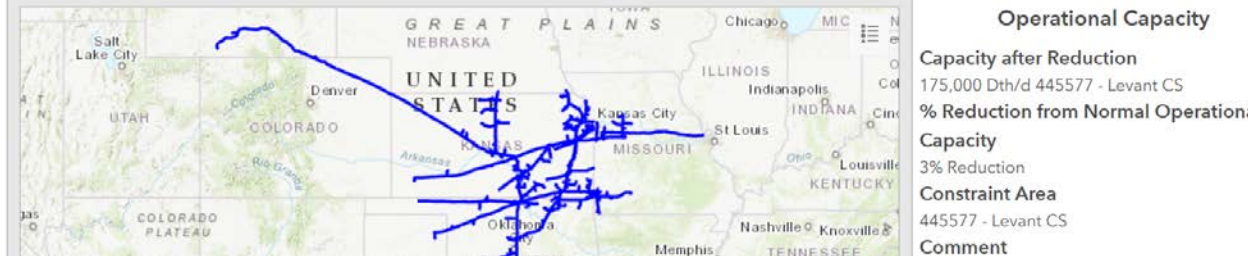


Constraints

*Click on item for details

- Otis Foundation Replacement** - 02-02-2021 Start | 05-08-2021 Return to Normal Date
3% Capacity Reduction at Levant CS Area Constraint
- Cheyenne Unit Maintenance** - 02-09-2021 Start | 02-20-2021 Return to Normal Date
100% Capacity Reduction at PSCO Chalk Bluffs Location Constraint
- Ratliff Unit Maintenance** - 03-30-2021 Start | 04-01-2021 Return to Normal Date
73% Capacity Reduction at NGPL Carter Location Constraint
- DCP Sholem Flow Control** - 03-30-2021 Start | 04-01-2021 Return to Normal Date
100% Capacity Reduction at DCP - Sholem Location Constraint
- Relocate Line V ODOT** - 04-06-2021 Start | 04-09-2021 Return to Normal Date

Last update: 3 minutes ago



Operational Capacity

Capacity after Reduction
175,000 Dth/d 445577 - Levant CS
% Reduction from Normal Operational Capacity
3% Reduction
Constraint Area
445577 - Levant CS
Comment

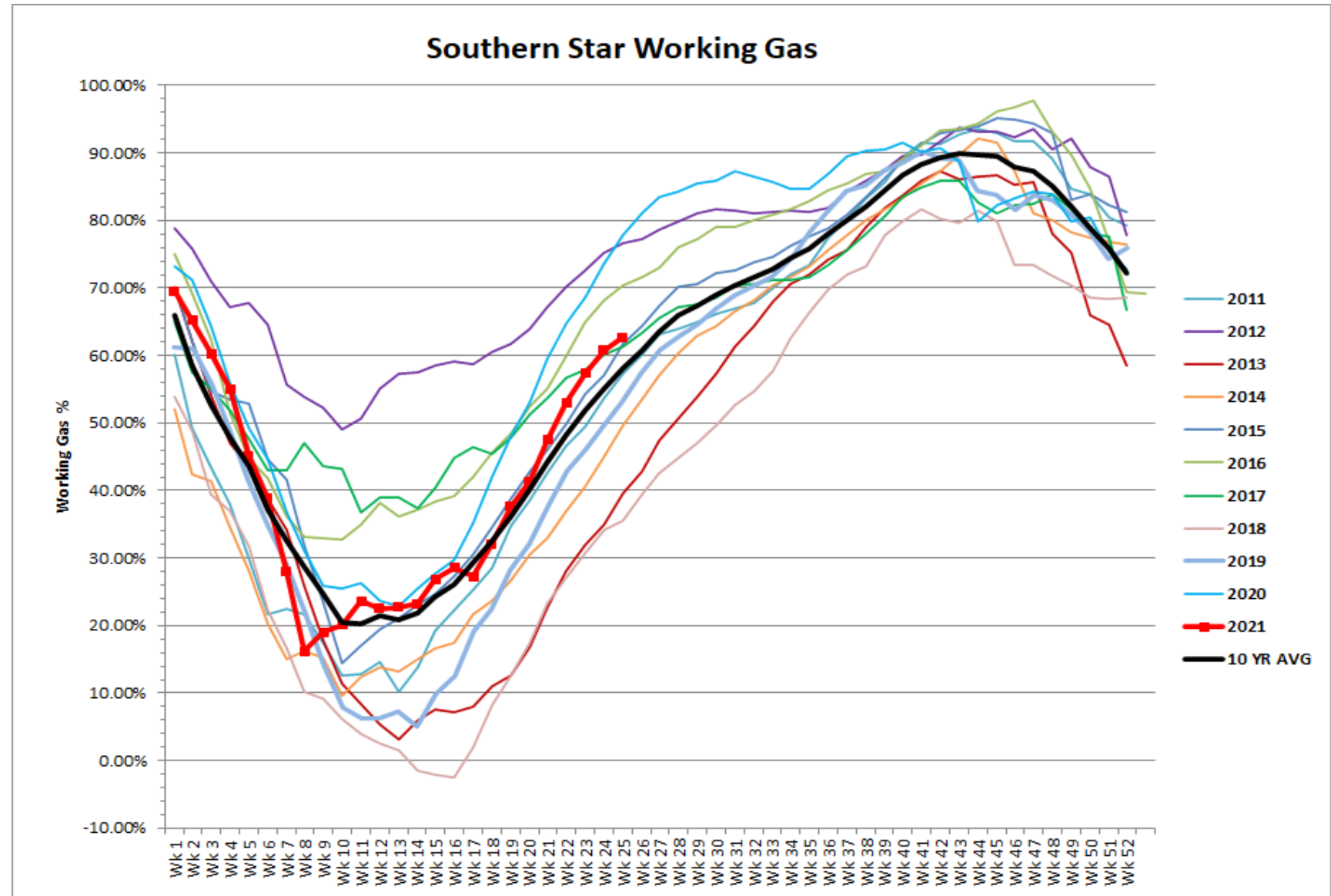
Southern Star Planned Service Outage

Work Activity					Operational Capacity Information	
Status	Projected Start Date	Projected Return To Normal Date	Location	Type Of Work	Capacity After Reduction Formatted	Reduction Percent Formatted
In Progress	Apr 27, 2021	Sep 11, 2021	Yuma CS	Yuma Foundation Replacement	165,000 Dth/d Levant CS (Location 445577)	9% Reduction - (Location 445577 - Levant CS)
In Progress	Jun 24, 2021	Jun 25, 2021	Rawlins Hesston	Pipeline Integrity Pigging	55,000 Dth/d Levant CS (Location 445577)	70% Reduction - (Location 445577 - Levant CS)
Revised	Jun 29, 2021	Jul 3, 2021	Alva	Pipeline Maintenance	0 Dth/d Straight Blackwell @ Beaver Deliveries (Location 443152) 0 Dth/d Straight Blackwell @ Beaver Receipts (Location 443157)	100% Reduction - (Location 443152 - Straight Blackwell @ Beaver Deliveries) 100% Reduction - (Location 443157 - Straight Blackwell @ Beaver Receipts)
New	Jun 29, 2021	Oct 13, 2021	Montezuma	Interconnect Maintenance	0 Dth/d NGPL Ford (Location 121515)	100% Reduction - (Location 121515 - NGPL Ford)
New	Jul 7, 2021	Jul 8, 2021	Edmond Station	Pipeline Pigging	70,000 Dth/d Edmond CS w/o OK (Location 449003)	43% Reduction - (Location 449003 - Edmond CS w/o OK)
	Jul 7, 2021	Jul 9, 2021	Sedalia	Meter Maintenance	0 Dth/d TIGT Sugar Creek (Location 16592)	100% Reduction - (Location 16592 - TIGT Sugar Creek)
	Jul 27, 2021	Jul 29, 2021	Ratliff CS	Ratliff Unit Maintenance	40,000 Dth/d NGPL Carter (Location 17069)	73% Reduction - (Location 17069 - NGPL Carter)

STORAGE UPDATE

Storage Updates

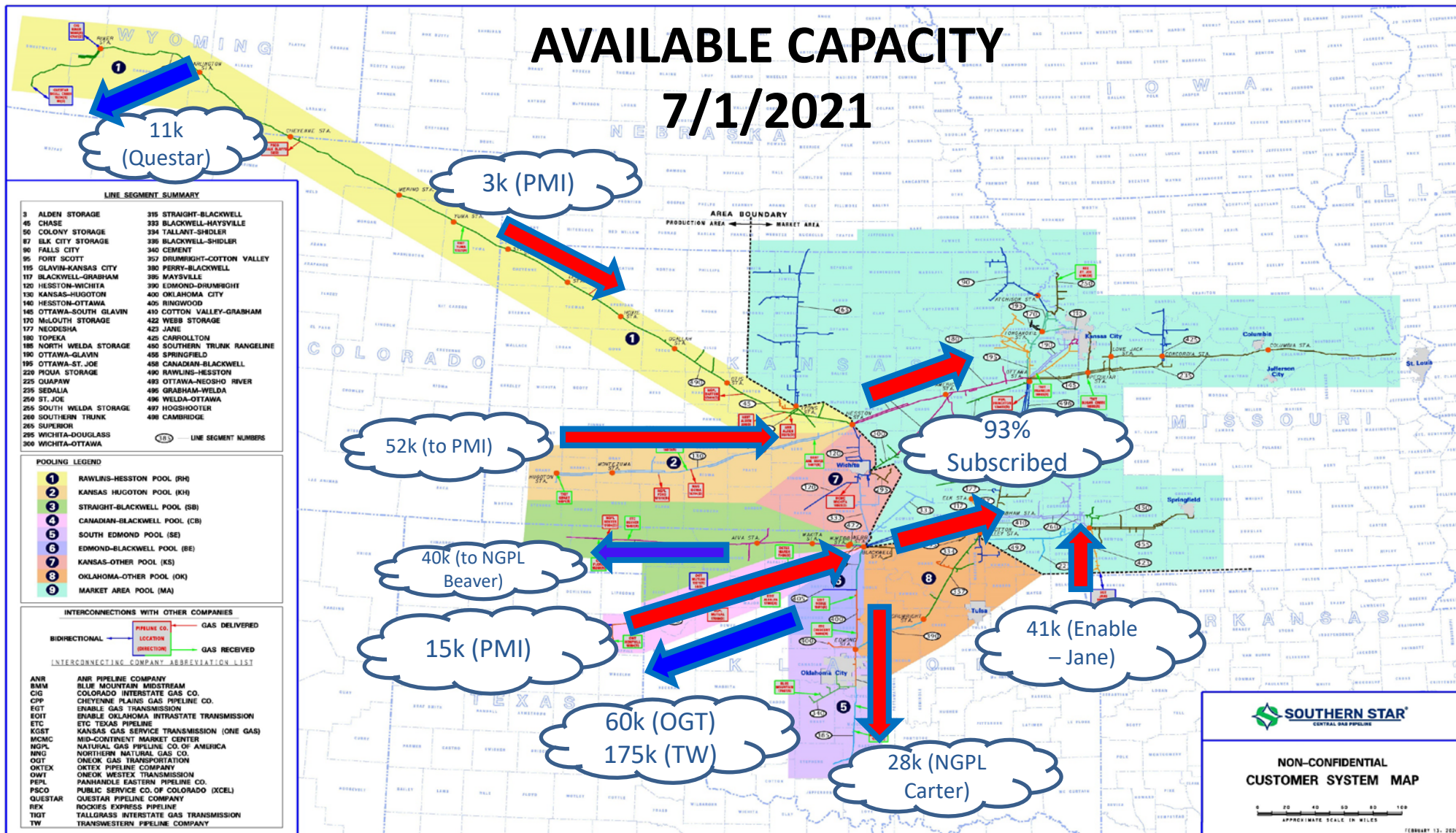
- Temperatures have remained mild and the current 10-day forecast is cooler than average temperatures for SSC market areas
- This week into next we are projecting net injections into storage
- EIA Storage Number as of 06/18 is 62.64%
- Currently 4% over the 10-year average of 58.08%
- 2020 06/19 EIA was 77.92%
- With the current forecast we anticipate inventory not making large swings away from the 10-year average
- Storage testing update
 - 7 of 8 fields complete
 - Piqua storage is the last remaining field to test, will not cause any impacts.



CAPACITY PLANNING

AVAILABLE CAPACITY

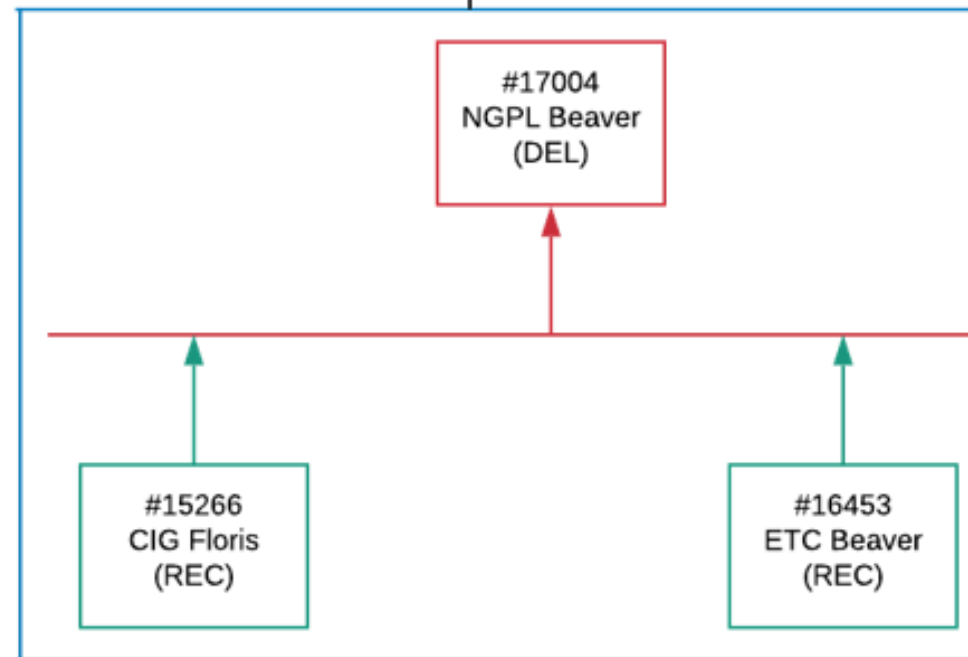
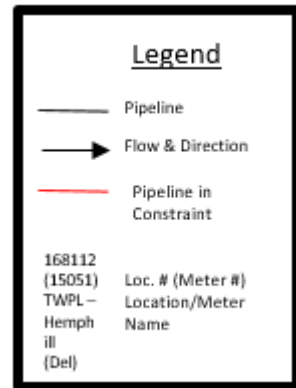
7/1/2021



[Capacity Dashboard](#)

CAPACITY CONSTRAINT STRAIGHT BLACKWELL @ BEAVER DELIVERIES

Straight Blackwell
@
Beaver Deliveries
Constraint



To Blackwell Compressor Station



CAPACITY SCHEDULING

Customer Activities

Login

Informational Postings

Capacity

Gas Quality

Index of Customers

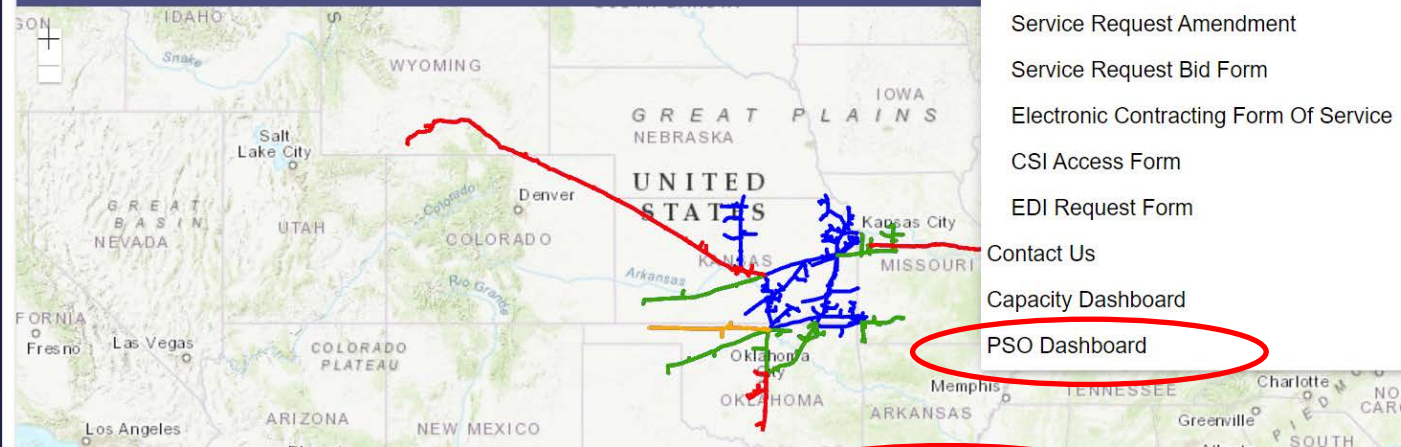
Locations

Notices

Posted Imbalances

Regulatory

Capacity Map



Go to Customer Activities

Find a form

Service Request

Service Request Amendment

Service Request Bid Form

Electronic Contracting Form Of Service

CSI Access Form

EDI Request Form

Contact Us

Capacity Dashboard

PSO Dashboard

Download PSO PDF Version

Historical Average ID3 Schedule Volume through Constraints (C

PSO Dashboard Tutorial

No Data

Constraint Locations

PSO

Planned Service
Outage Constraints

No Reduction

Reduction
between 0% to
25%

Reduction
between 25% to
50%

Constraint
Reduction %



Constraints

*Click on item for details

Otis Foundation Replacement - 02-02-2021 Start | 05-08-2021 Return to Normal Date
3% Capacity Reduction at Levant CS Area Constraint

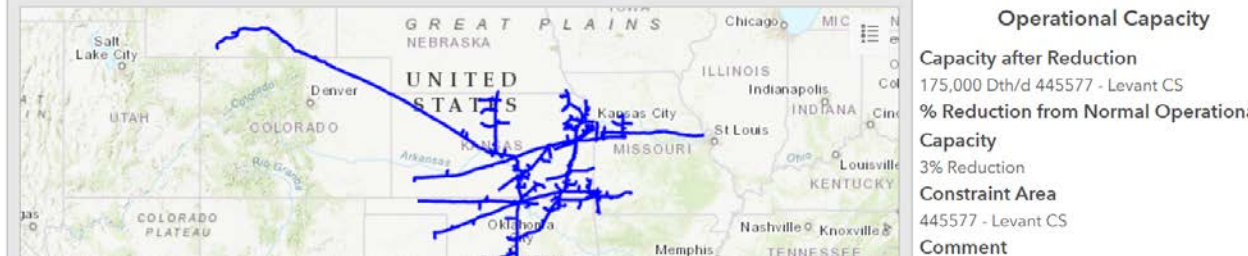
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Last update: 3 minutes ago



Operational Capacity

Capacity after Reduction

175,000 Dth/d 445577 - Levant CS

% Reduction from Normal Operational

Capacity

3% Reduction

Constraint Area

445577 - Levant CS

Comment

MAINTENANCE CAPACITY REDUCTIONS

- **Pipeline Pigging – Begin Date: July 7th ; Return to Service: July 8th**
 - 43% Capacity Reduction at Edmond CS w/o OK Area Constraint (70,000 Dth)

MAINTENANCE CAPACITY REDUCTIONS

- **Meter Maintenance – Begin Date: July 7th ; Return to Service: July 9th**
 - 100% Capacity Reduction at TIGT Sugar Creek Location Constraint

MAINTENANCE CAPACITY REDUCTIONS

- **Ratliff Unit Maintenance – Begin Date: July 27th ; Return to Service: July 29th**
 - 73% Capacity Reduction at NGPL Carter Location Constraint (40,000 Dth)

IMBALANCE PAYBACK - TT03

[Search](#) [Nomination](#) [Downstream Noms](#) [Upstream Noms](#)

Submit Nominations

Internal Only

Svc Req Name: Southern Star Central Gas Pipeline, Inc.
Svc Req K: TA9997

Nomination Date: 6/24/2021

Svc Req Prop: 5153
Cycle: Timely

Svc Req: 007906233

Nomination Summary

Totals	Rec Qty (Gross-Prod)	Rec Qty (Net-Prod)	Del Qty (Net-Prod)	Qty Diff (Prod)	Rec Qty (Gross-Mkt)	Rec Qty (Net-Mkt)	Del Qty (Net-Mkt)	Qty Diff (Mkt)
Contractually Available	25,242	25,000	25,000		25,181	25,000	25,000	
Total	0	0	0	0	0	0	0	0

Receipt Nominations

+ New

Undo All Changes

Select Location

Select Up ID

Calculate Qtys

Clear Filters

Reset Sort

Reset Columns

	Loc Zn	Rec Loc	Up ID Prop	Up ID	Up K	Up Pkg ID	Beg Date	End Date	Rec Qty (Gross)	Rec ... (Net)	Rec R...	TT/TT Desc	C...	Reduc... Reason	Fuel Qty	Backh... Fuel	E...	P...
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Delivery Nominations

+ New

Undo All Changes

Select Location

Select Dn ID

Clear Filters

Reset Sort

Reset Columns

	Loc Zn	Del Loc	Dn ID Prop	Dn ID	Dn K	Dn Pkg ID	Beg Date	End Date	Del Qty (Net)	Del Rank	TT/TT Desc	C...	Reduc... Reason	E...	P...	Bl...	Del Sc... Stat	Pool A...	Del Loc
A		999000	5153		TA9997	Payback from Pipe	06/24/2021	06/25/2021	400	500	03 - Imbalance Payback from Transportation Service Provider	TIM		0					
A							06/24/2021		0	500	01 - Current Business	TIM		0					

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IMBALANCE PAYBACK - TT04

Search

Nomination

Downstream Noms

Upstream Noms

Submit Nominations

Internal Only

Svc Req Name: Southern Star Central Gas Pipeline, Inc.
Svc Req K: TA9997

Nomination Date: 6/24/2021

Svc Req Prop: 5153
Cycle: Timely

Svc Req: 007906233

Nomination Summary

Totals	Rec Qty (Gross-Prod)	Rec Qty (Net-Prod)	Del Qty (Net-Prod)	Qty Diff (Prod)	Rec Qty (Gross-Mkt)	Rec Qty (Net-Mkt)	Del Qty (Net-Mkt)	Qty Diff (Mkt)
Contractually Available	25,242	25,000	25,000		25,181	25,000	25,000	
Total	0	0	0	0	0	0	0	0

Receipt Nominations

+ New

Undo All Changes

Select Location

Select Up ID

Calculate Qtys

Clear Filters

Reset Sort

Reset Columns

	Loc Zn	Rec Loc	Up ID Prop	Up ID	Up K	Up Pkg ID	Beg Date	End Date	Rec Qty (Gross)	Rec ... (Net)	Rec R...	TT/TT Desc	C...	Reduc... Reason	Fuel Qty	Backh... Fuel	E...	P...
A	M	999000	5153		TA9997	payback to pipe	06/24/2021	06/25/2021	400	397	500	04 - Imbalance Payback to Transportatio...	TIM		3	N	0	

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Delivery Nominations

+ New

Undo All Changes

Select Location

Select Dn ID

Clear Filters

Reset Sort

Reset Columns

	Loc Zn	Del Loc	Dn ID Prop	Dn ID	Dn K	Dn Pkg ID	Beg Date	End Date	Del Qty (Net)	Del Rank	TT/TT Desc	C...	Reduc... Reason	E...	P...	Bi...	Del Sc... Stat	Pool A...	Del Loc
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SCHEDULING GROUP

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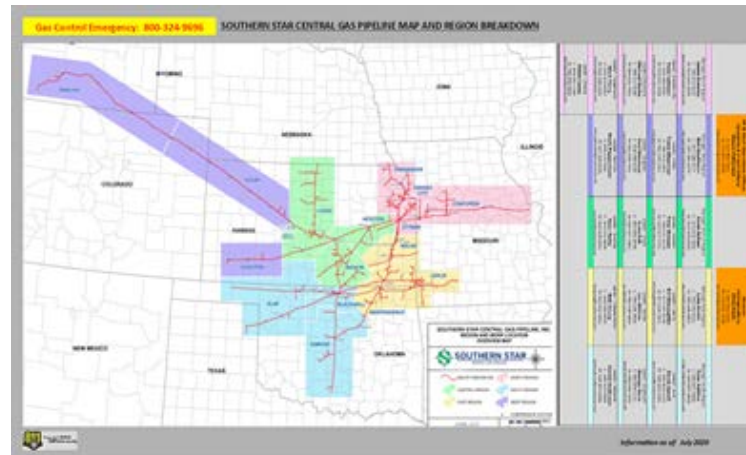
E: shawn.brumfield@southernstar.com



MARKETING & CUSTOMER SERVICE

CSI CONTACT LIST

- Updated office & field contact sheets have been posted to CSI
- Make sure you're using correct domain for emails – southernstar.com
- Please contact us with questions any time
- <https://csimain.southernstar.com/App/InformationalPostings/OtherPostings/ContactUs>

[illegible][illegible]

CUSTOMER SERVICE UPDATES

- **Non-binding Open Season Results**
- **Energy Insights Survey coming soon**
- **Customer meeting date has changed**



SOUTHERN STAR®

CENTRAL GAS PIPELINE

FORWARD '21

Save the date:

October 12 & 13, 2021

Crowne Plaza Downtown - Kansas City

Sustainable partners for the future.

CUSTOMER MEETING

CUSTOMER SERVICE

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Buster Ashley, Customer Service Rep

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ICE: [bashley](#)

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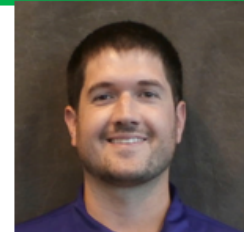
Chris Williams, Customer Service Rep

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CSI/STEP UPDATES



Scheduling Task Enhancement Project (STEP)

- Implementation of a Pathed Non-Threaded Scheduling Model
 - Updated screens to accommodate the change to the nomination process
 - Incorporation of scheduling engine
- In-service date: August 1, 2021
- Project Progress: 92%
- Testing: In progress



Scheduling Task Enhancement Project (STEP)

- Nomination Screens: Available on August 1st, 2021
- PNT Scheduling begins September 1st, 2021
- Future Notices and Posting will be coming to remind everyone of the changes

Nominations RETRIEVE SUBMIT CANCEL EXPORT ▼

Customer Activities

- Nominations ←
- Nomination - Pre 9-1 ▼
- Nomination - 9-1 Forward ←
- Nominations - PNT ←
- Confirmation - PNT
- Scheduled Quantity ▼
- Model Nomination - PNT
- Flat File Upload - PNT

Svc Req * 5153 - Southern Star Central Gas Pipeline, Inc. - 007906233 Nomination Date * 06/23/2021 Cycle * ID1 - Open

Svc Req K Rate Sched Loc Loc Zn Pool Area

CONTRACT ADMINISTRATION

CONTRACT ADMINISTRATION

Informational Postings	^
Capacity	v
Gas Quality	v
Index of Customers	
Locations	
Notices	v
Posted Imbalances	v
Regulatory	v
Tariff	v
Transactional Reporting	v
Master Points	v
Electronic Forms	v
Service Request Forms	v
Other Postings	v
Gas Supplier Listing	
Southern Star Home	
Resource Library	

Commercial Service Resource Library

Choose a category to access the learning resources.

Contracting & Capacity Release

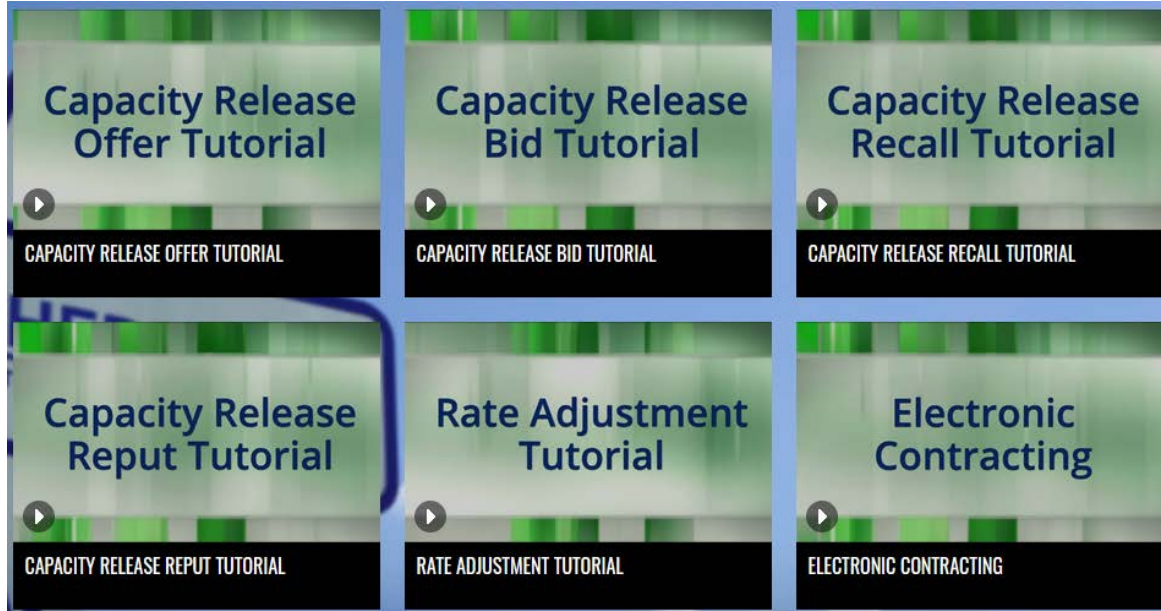
CSI Access & Navigation

Invoices & Billing

Scheduling Resources

Additional Resources

CONTRACT ADMINISTRATION

[Contact Us](#)[CSI Site](#)[PSO Tutorial](#)[Report Subscriptions](#)[SGA Training & Education](#)

Thanks to everyone who attended the training.
If you have any questions, please don't hesitate to reach out to us!

RATES

RATE CASE

- As required by the TCJA and Mod Settlement, a rate case was filed on April 30, 2021 (RP21-778).
 - Includes a Modernization Program
 - Roll-In of Ozark Trails Facilities
 - Proposing changes to all firm, cost-based storage to impose variable maximum winter storage inventory requirements.
 - Rate Design Changes (Preferred Case):
 - Rate Zone Boundary Change
 - Change to Storage Reservation-Capacity (REC) Charge
- Prehearing conference scheduled for June 30, 2021.

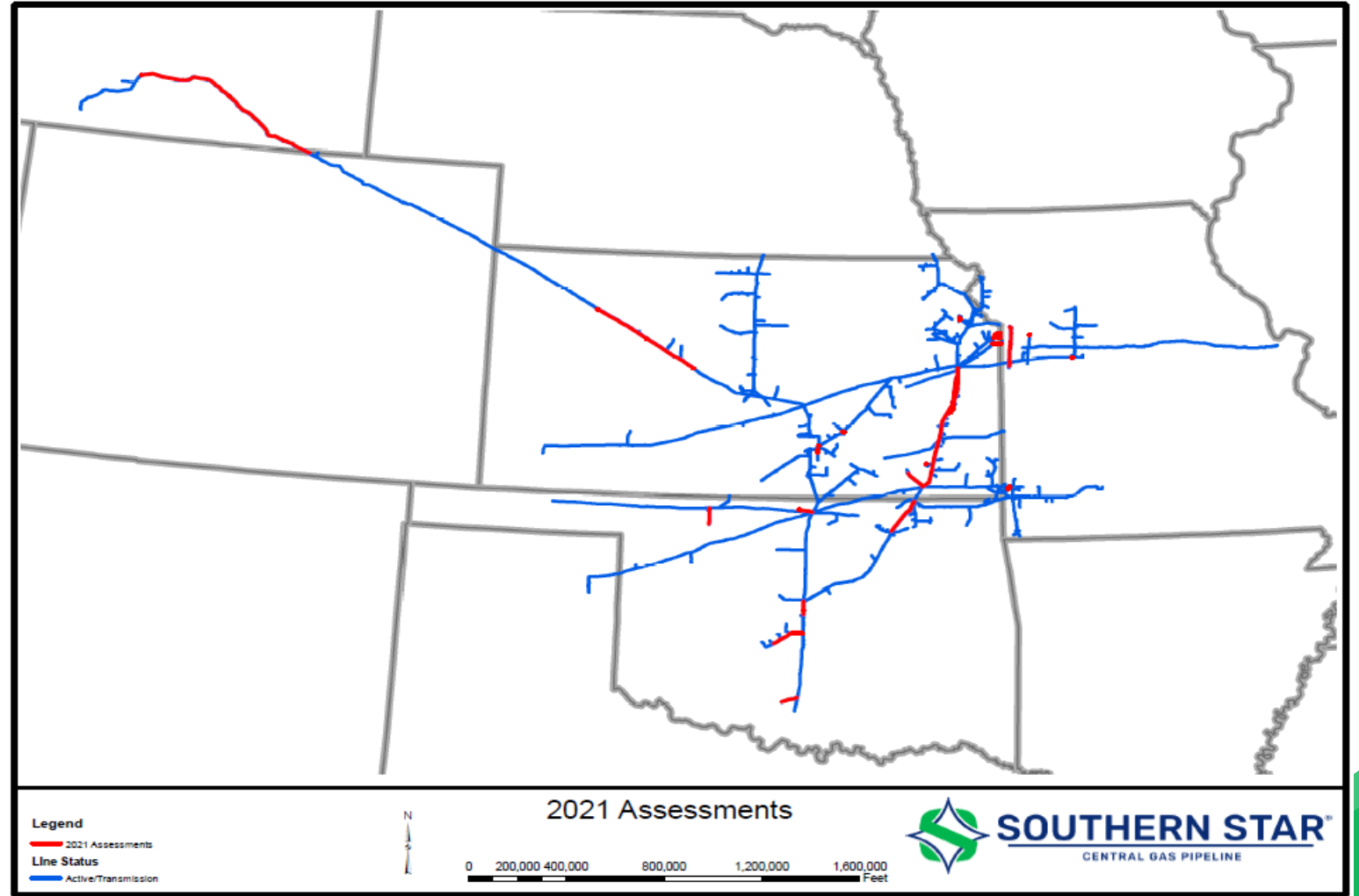
GAS QUALITY SPECS

- Southern Star held a Gas Quality Kick-Off Discussion on June 10, 2021.
 - That presentation is now available on CSI
- Plan on having a follow-up discussion later in July. In preparation, we are requesting that any questions/feedback be submitted to either of the contacts below by July 2, 2021.
 - Adam Wallace – Adam.Wallace@southernstar.com
 - Will Wathen – Will.Wathen@southernstar.com

OPERATIONS/RELIABILITY

PIGGING ACTIVITIES

- Line D (Grabham to Welda)
- Line DB (Grabham to Elk City)
- Line DV (Colony Storage)
- Line EJB (McLouth Storage)
- Line L (Tallant to Cotton Valley)
- Line NZ (Waynoka)
- Line QC (Holmes)
- Line TEB (Derby North)
- Line V (Wilshire to Edmond)
- Line VM (Webb to Blackwell)
- Line VM-001 & VM-002 (Webb Storage)
- Line VO-016 (Texaco Velma)
- Line VP (Lumen to Cement Checks)
- Line W (Riner to Arlington)
- Line W (Arlington to Cheyenne)
- Line W (Hoxie to Ogallah)
- Line W (Ogallah to Otis)
- Line XMB/XMB-004 (Sugar Creek)
- 14 segments in our Welda Storage Field



PIGGING ACTIVITIES

- EJB (McLouth Storage)
 - Inspection was added after finding a leak on this line.
 - Ultra High Resolution tool was ran.
 - No anomalies reported on Preliminary Report, pending Final Report.
- VO-016 (Texaco Velma)
 - Non-HCA, therefore not a required assessment
 - Previously an unpiggable line segment.
 - Through customer support of our Modernization Program, we were able to install facilities to pig this line.
 - We ran our first inspection on VO-016 this year and found 3 anomalies that would have failed if left unchecked.
 - 3 corrosion anomalies greater than 80% wall loss.
 - Repairs completed in 3 days.
- 4 EMAT inspections to check for cracking planned for this year.

Trivia Time!



What is the date of the Rate Case Prehearing Conference?

- A) June 28th
- B) June 29th
- C) June 30th
- D) Rate Case has already been settled

**PLEASE USE YOUR CHAT FUNCTION
TO SUBMIT YOUR ANSWER!**

QUESTIONS





SOUTHERN STAR[®]

CENTRAL GAS PIPELINE

SAFETY REMINDER



POOL SAFETY

If you own a home with a pool – or are visiting a home with a pool – take steps to protect children from drowning.

After birth defects, drowning is the **No. 1** cause of death for children ages 1-4 years. Many of these children drown in pools at people's homes – often during times no one was supposed to be swimming. Children can climb out a window, crawl through a doggy door, or exit an unattended door to get to the pool. Drowning is silent and happens in minutes.

Every pool should have a fence that surrounds all four sides, **especially the side that separates the house from the pool**. The fence should be non-climbable, at least 4 feet high, and have a gate that is self-closing and self-latching.



Swimming lessons can help reduce the risk of drowning for children. Some kids may be ready to start swim lessons after age 1.

**LIFEGUARD
+
ON DUTY**

An adult should **constantly watch children** at all times when they are in or by the pool. **Learn CPR.**



Pool covers, door alarms, window guards and **pool alarms** can be additional layers of protection when used with a fence.



Keep toys **out of the pool** when not in use.



healthychildren.org

American Academy of Pediatrics