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WINTER 2024-25 TECHNICAL ASSESSMENT SYSTEM RELIABILITY

Southern California Gas Company

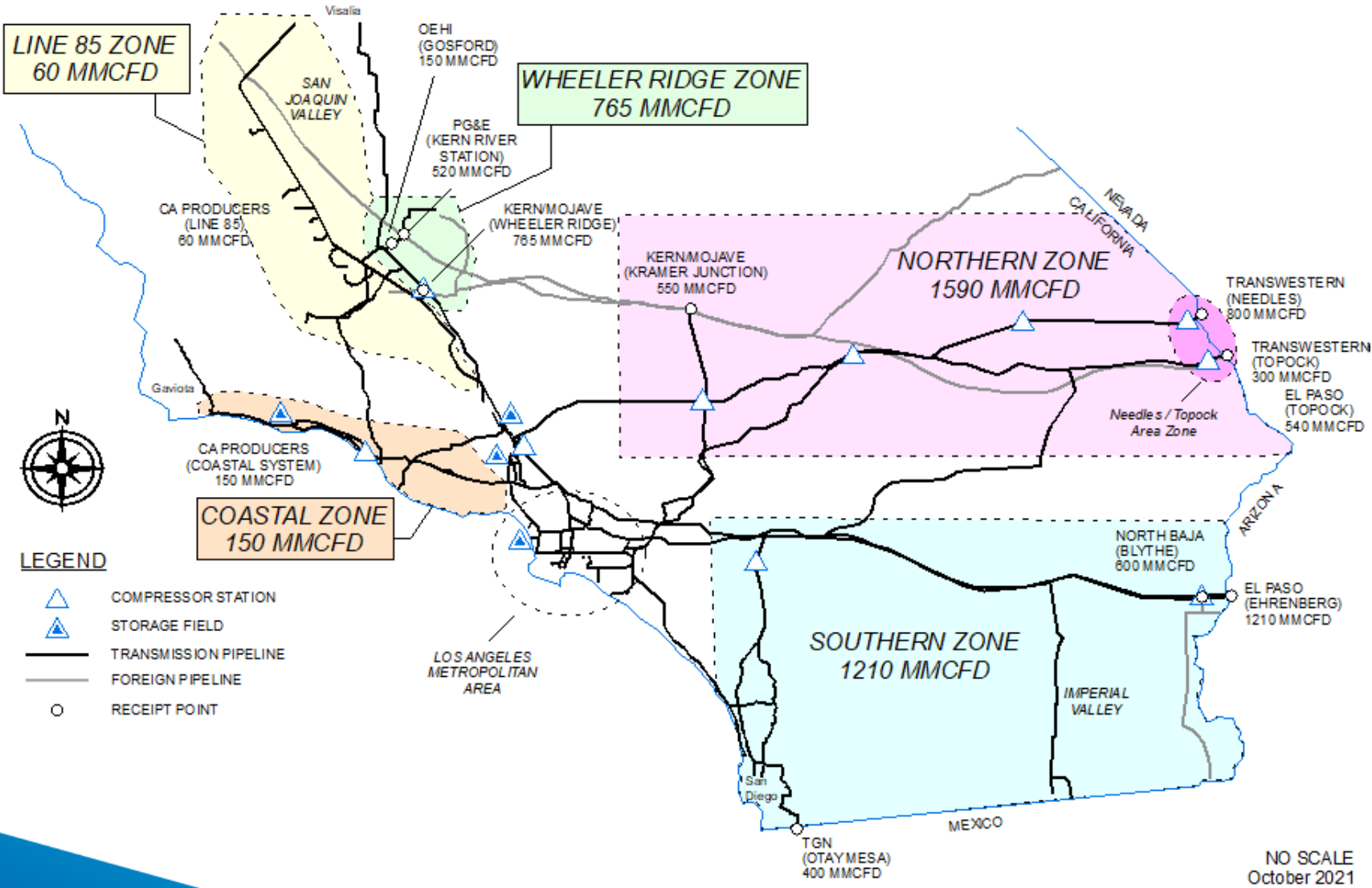
October 30, 2024



Key Takeaways

- » Expected to start winter season with storage near maximum capacity
 - Anticipate sufficient storage supply available to last through the winter season
- » Expect full receipt capacity available from upstream pipelines during the peak demand period
- » Sufficient gas supplies in storage are expected to meet the 1-in-10 year design condition of 4.62 BCF
 - Noncore curtailments not expected for this condition
- » In a scenario where storage inventory is drawn down to monthly minimum levels, there is still sufficient capacity to support up to 4.32 BCF of customer demand
 - Core service is not at risk
 - Service to noncore customers may be curtailed during cold weather events

SoCalGas Transmission System and Zone



Transmission System Status

» Northern Zone

- Some pipelines operating at reduced pressure
- Reduced pressure does not impact zone capacity

» Southern Zone

- Some pipelines operating at reduced pressure
- Reduced pressure does not impact zone capacity

» Wheeler Zone

- All pipelines in service

Storage Field Status

- » All storage fields available for use through peak demand period
 - Aliso Canyon maximum inventory limited to 68.6 BCF
- » Minimum inventory levels to be maintained throughout the winter season to provide sufficient withdrawal capacity for core reliability
 - Noncore curtailments are not anticipated to be necessary to maintain minimum inventory levels

FIELD	DEC BCF	JAN BCF	FEB BCF	MAR BCF
Aliso Canyon	22.9	22.0	19.0	9.6
Honor Rancho	13.5	13.1	7.0	5.0
La Goleta	7.9	7.7	7.6	7.5
Playa del Rey	1.6	1.5	1.1	0.7
TOTAL	45.9	44.3	34.7	22.8

Pipeline Flowing Supply Assumptions

- » Up 3,565 MMCFD of receipt capacity during peak demand period
 - Receipt capacity does not equal gas supply
 - Customers/shippers have historically not fully utilized all receipt capacity
- » Northern Zone capacity at full 1,590 MMCFD
- » Southern Zone capacity at full 1,210 MMCFD
- » Wheeler Zone capacity at full 765 MMCFD

Winter Design Standards

CUSTOMER TYPE	1-in-35 Year Peak Day MMCFD	1-in-10 Year Cold Day MMCFD
Core	3,082	2,925
Noncore, Non-Electric Generation	0	745
Noncore, Electric Generation	0	948
Total	3,082	4,617

- » Design days expected to occur in December or January
 - May occur more than once per season
- » Sufficient supply may be available to support the 1-in-10 year cold day demand forecast if higher inventory levels than those required for core reliability are maintained

Maintaining Winter Reliability

- » Regular communication with the CAISO and other grid operators
- » Use of Operational Flow Orders and withdrawals from storage
- » Restricted Maintenance Operations (RMOs) on high demand days or where system constraints provide low operating margins
- » Southern System support
 - Limited supply from Northern System through use of crossovers
 - System Operator purchases at Ehrenburg and Otay Mesa
- » Conservation messaging

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- » Forecast system sendout, available receipt point capacity, confirmed nominations, and scheduled capacity information for each system receipt point for each scheduling cycle
- » Daily storage levels and capacities
- » Critical operating notices
- » Maintenance schedules and outlook
- » Seasonal technical assessments

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