

2024 Winter Update

February 6, 2024

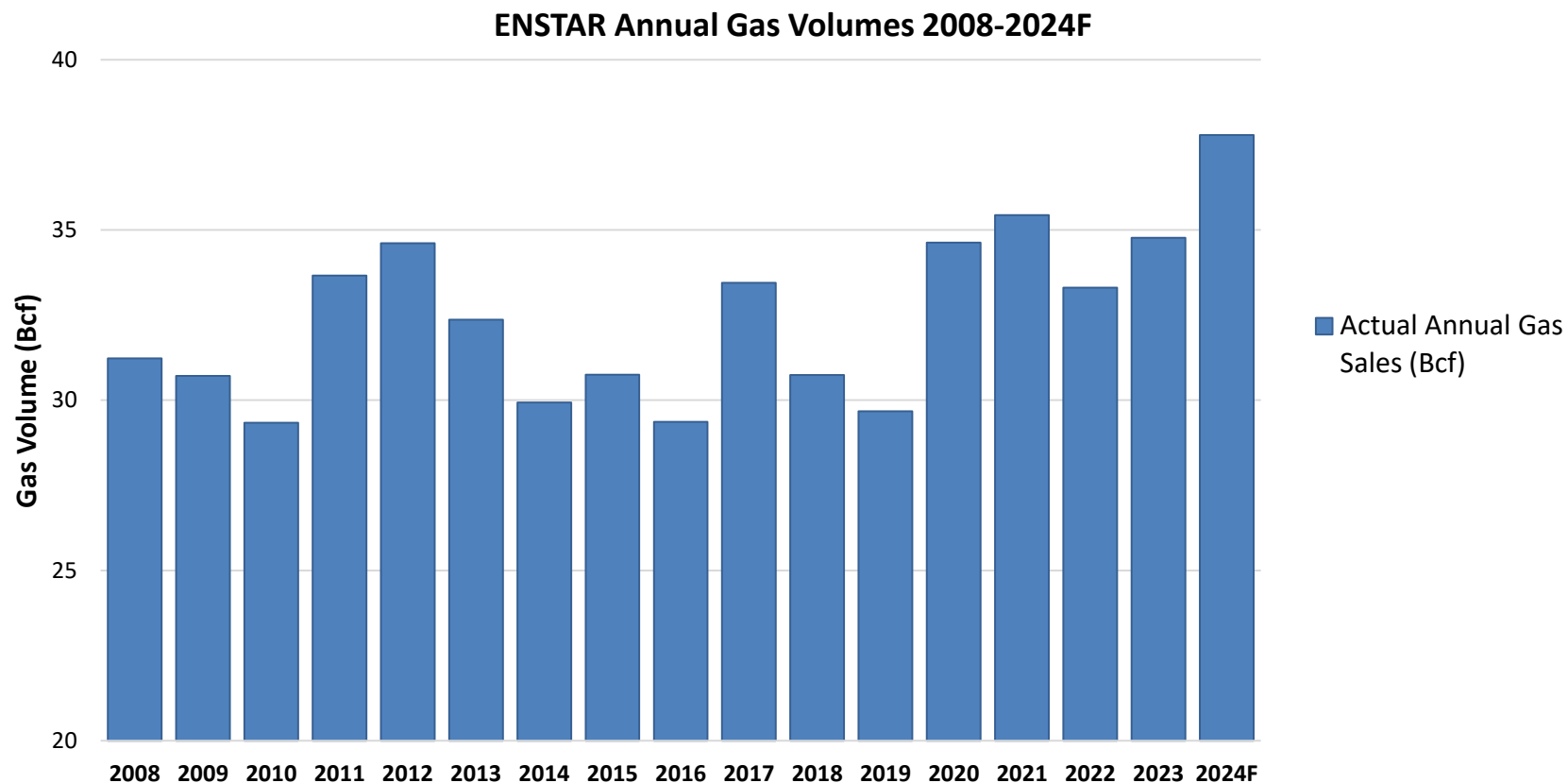


About ENSTAR

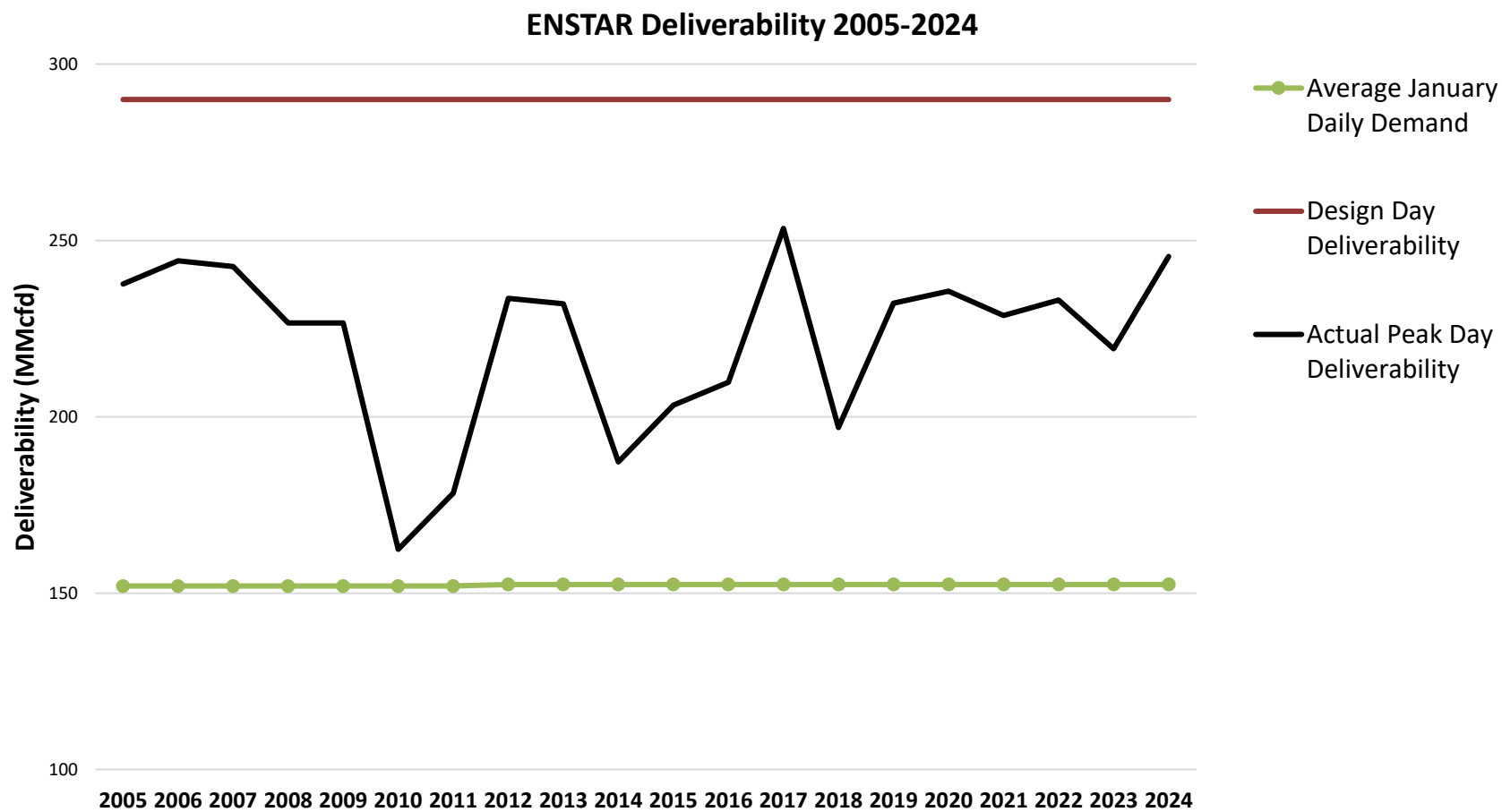
- Established in 1959
- 230 employees
- 152,000 customers
- 25 communities served
- 3,560 miles of pipeline



Annual Gas Sales Volumes



Peak Day Deliverability



Cook Inlet Natural Gas Storage Alaska (CINGSA)



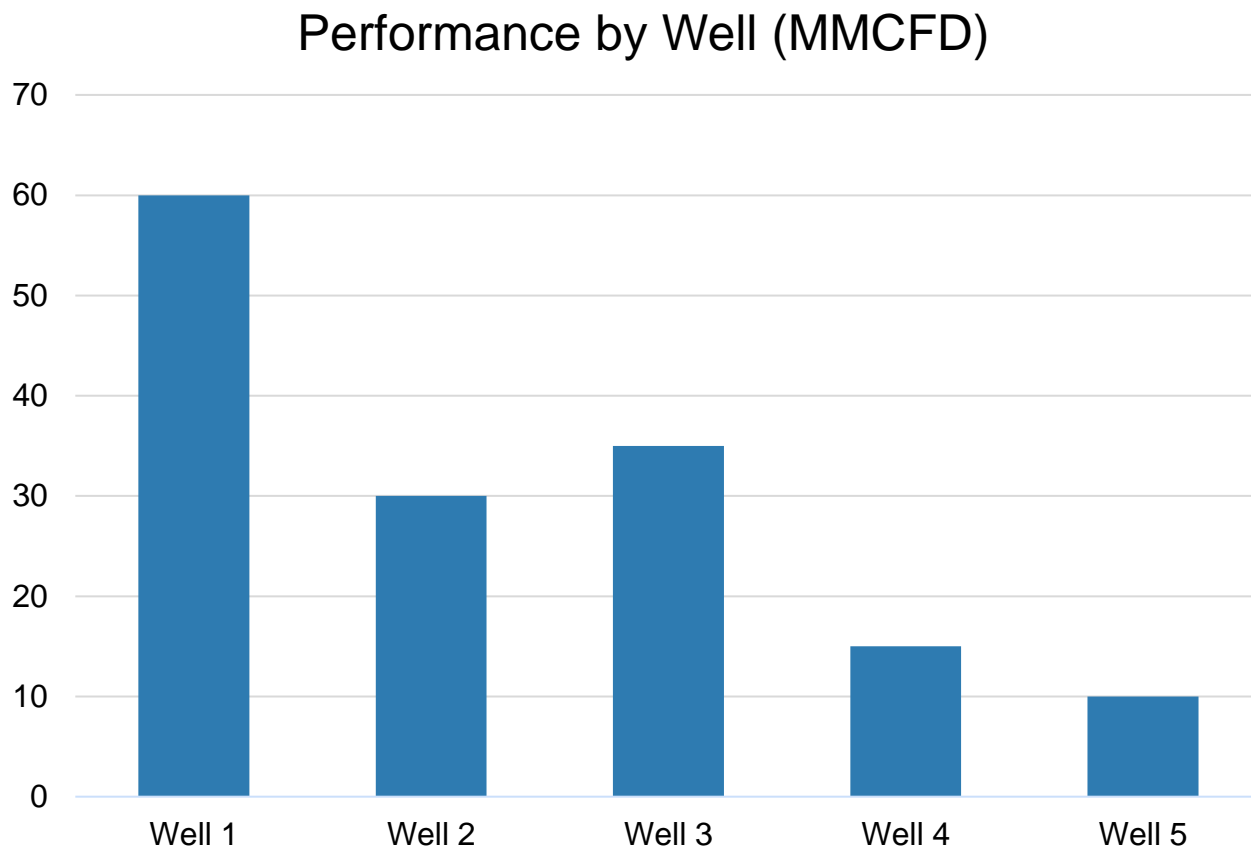
Surface Facilities



Well Pad



CINGSA Average Deliverability



January 14: Operational Field Order #1

- Deliverability loss at Well #3
- Withdrawal Capacity reduced:
 - 150 Mmcf/d to 121.5 Mmcf/d
- CINGSA bailed the well and found sand in samples extracted



Operational Flow Order

OFO Title: **Well #3 Shut-in**

Date & Time Effective: **1/14/2023 16:45:00 PM**

Date & Time Cancelled:

OFO Type:

Restrictive - Operational issues that will reduce FSS nominations on a pro-rata basis.
Service - Injection and Withdrawal

Details:

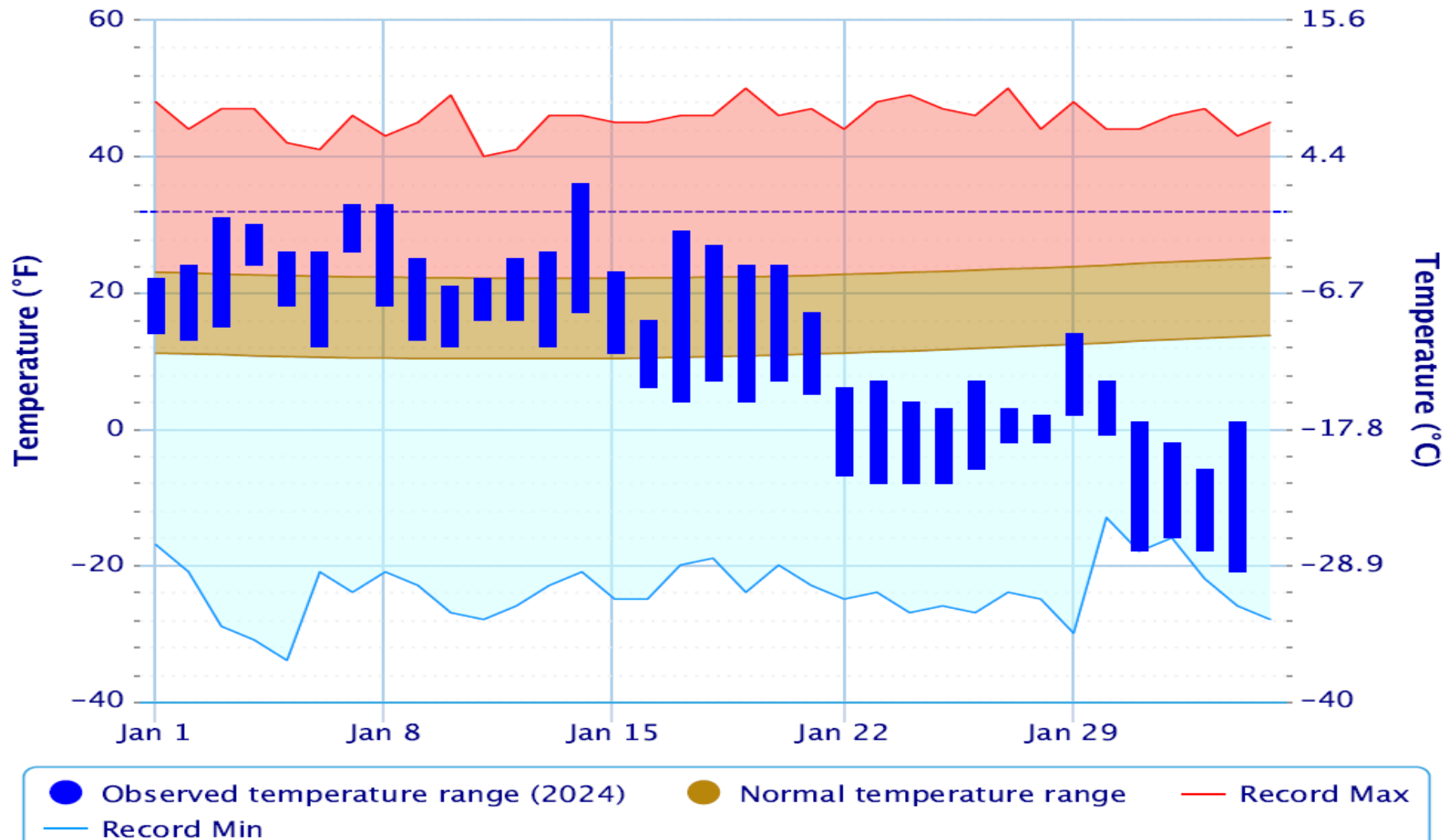
Description:

CINGSA Well # 3 has experienced a down hole blockage. Well #3 will remain shut-in until down hole blockage can be cleared.

Physical Restrictions	
Injection	Withdrawal
19%	19%

Daily Temperature Data – Anchorage Area, AK (ThreadEx)

Period of Record – 1953-11-01 to 2024-02-03. Normals period: 1991-2020. Click and drag to zoom chart.



Source: Climate (weather.gov) <https://www.weather.gov/wrh/Climate?wfo=afc>

January 25: Operational Field Order #2

- Deliverability loss at Well #1
- Total capacity reduced from 150 Mmcf/d to 105 Mmcf/d



Operational Flow Order

OFO Title: CINGSA Physical Restrictions
Date & Time Effective: 1/25/2024 13:00:00 PM
Date & Time Cancelled:

OFO Type:

Restrictive - Operational issues that will reduce FSS nominations on a pro-rata basis.
Service - Injection and Withdrawal

Details:	Physical Restrictions	
	Injection	Withdrawal
Description: CINGSA has identified a reduction of performance of both CLUS-3 (40-50%) and CLUS-1 (25-50%) as compared to historical performance. This will impact the ability to deliver firm service volumes while adhering to established drawdown guidelines. Available firm service will be reduced by 30%, from 150,000 to 105,000 MMCF/d until this OFO is rescinded. Volumes more than 105,000 MMCF/d can be nominated as OSS or ISS and will be evaluated for approval.	30%	30%

Energy Watch Group

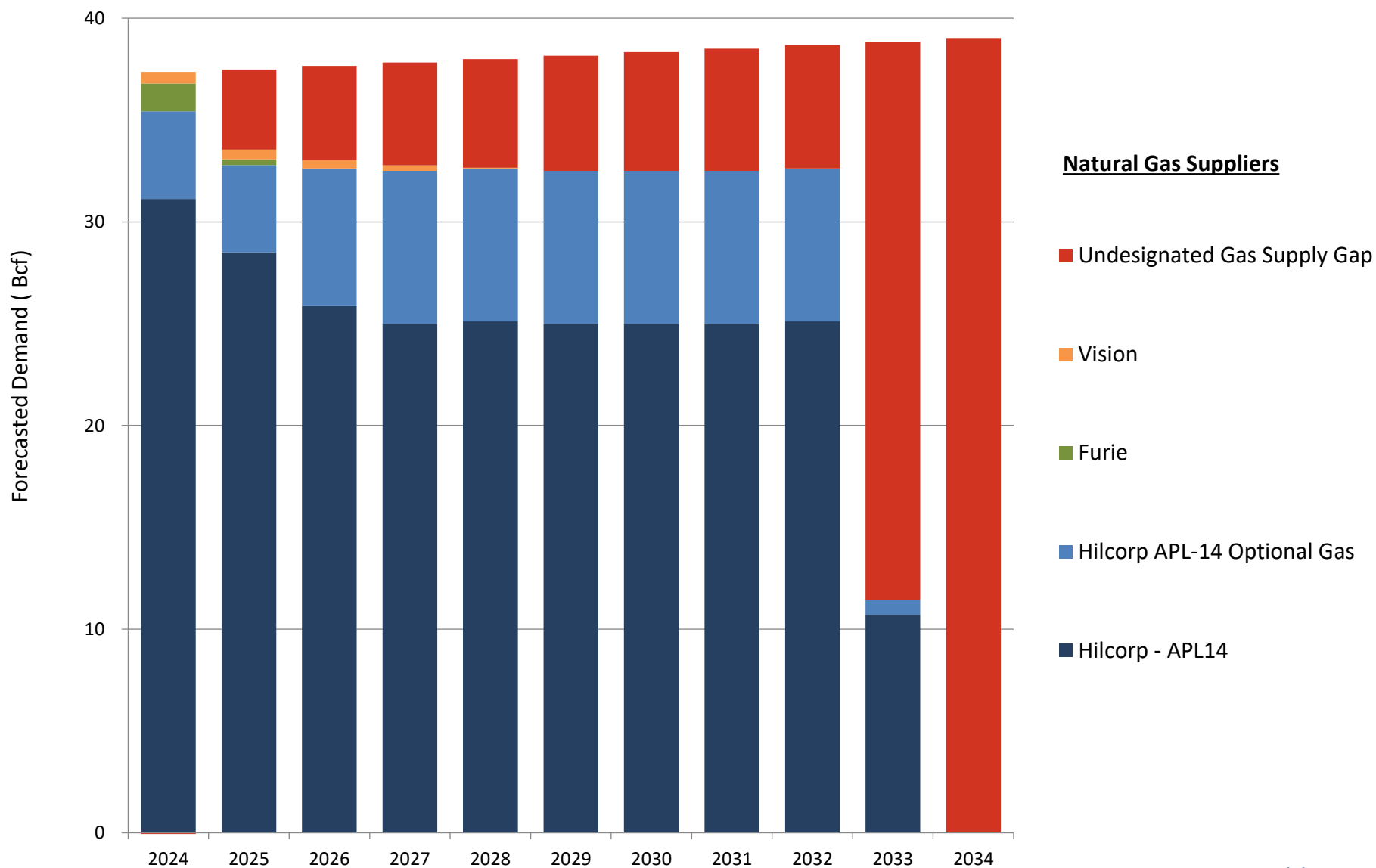
- Members:
 - ENSTAR
 - CINGSA
 - Power Utilities: CEA, MEA, HEA, GVEA
 - Pipelines: Harvest, APC
 - Industrial: IGU, Marathon
 - Producers: Hilcorp, Furie
- Daily formal coordination meetings during Cold Weather Event 1/26/24-2/3/24

Energy Watch Group

Energy Watch Customer Action Plan

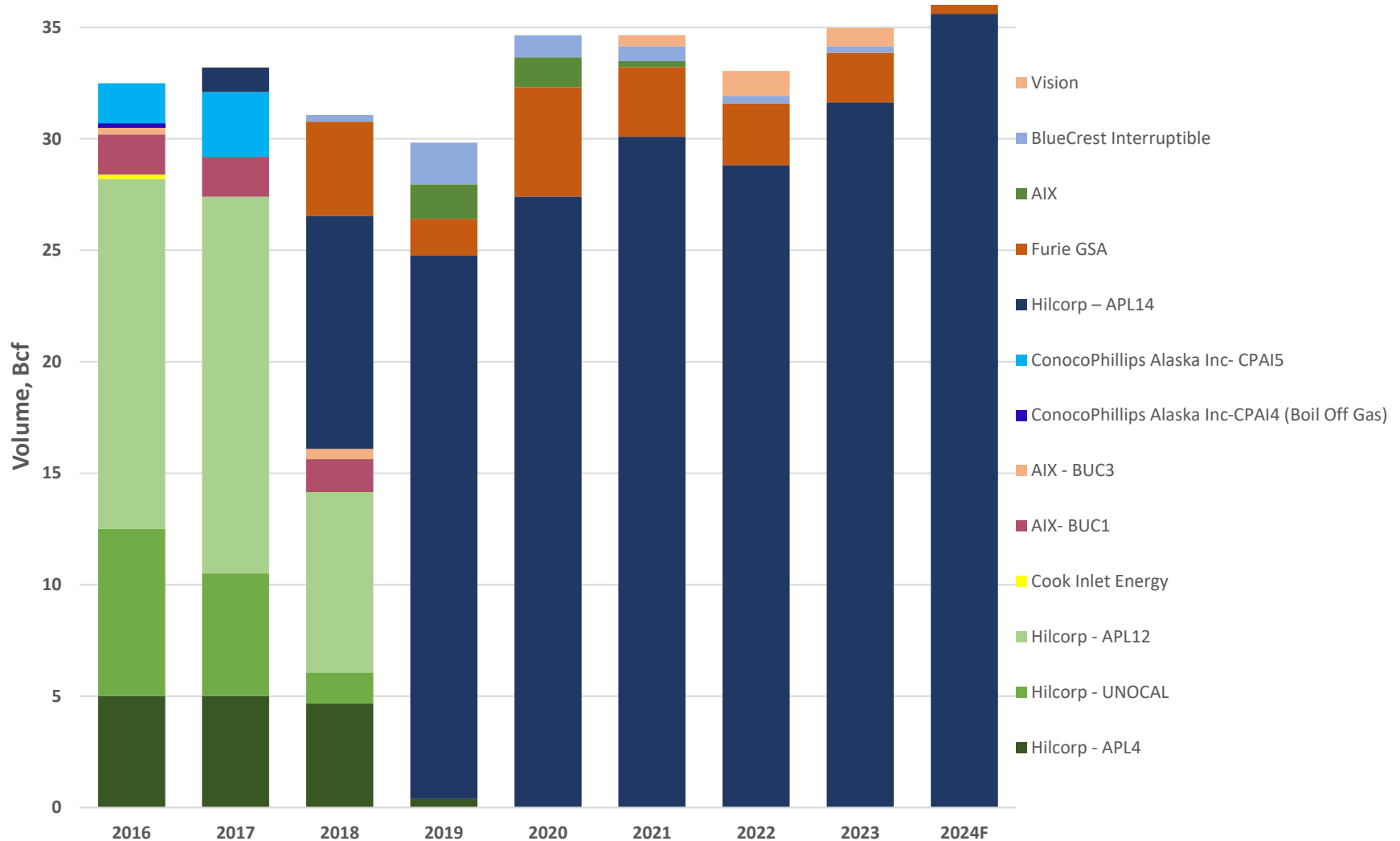
GREEN	STABLE	<ul style="list-style-type: none">• Use energy wisely; be conservation minded• Your utilities can provide tips on saving energy
YELLOW	CAUTION	<ul style="list-style-type: none">• Set thermostat to 65 degrees in living areas, and 40 in the garage• Lower water heater setting to "warm" or "vacation"• Minimize usage of natural gas range• Postpone doing laundry and dishes• Turn off unnecessary lights and electronics
RED	ALERT	<ul style="list-style-type: none">• Set thermostat at 60 degrees in living areas (55 if away)• Turn water heater gas valve to "pilot"• Do not use natural gas fireplaces, decorative heaters or gas grills• Consolidate household activities into as few rooms as possible

ENSTAR Gas Supply Forecast 2024-2034

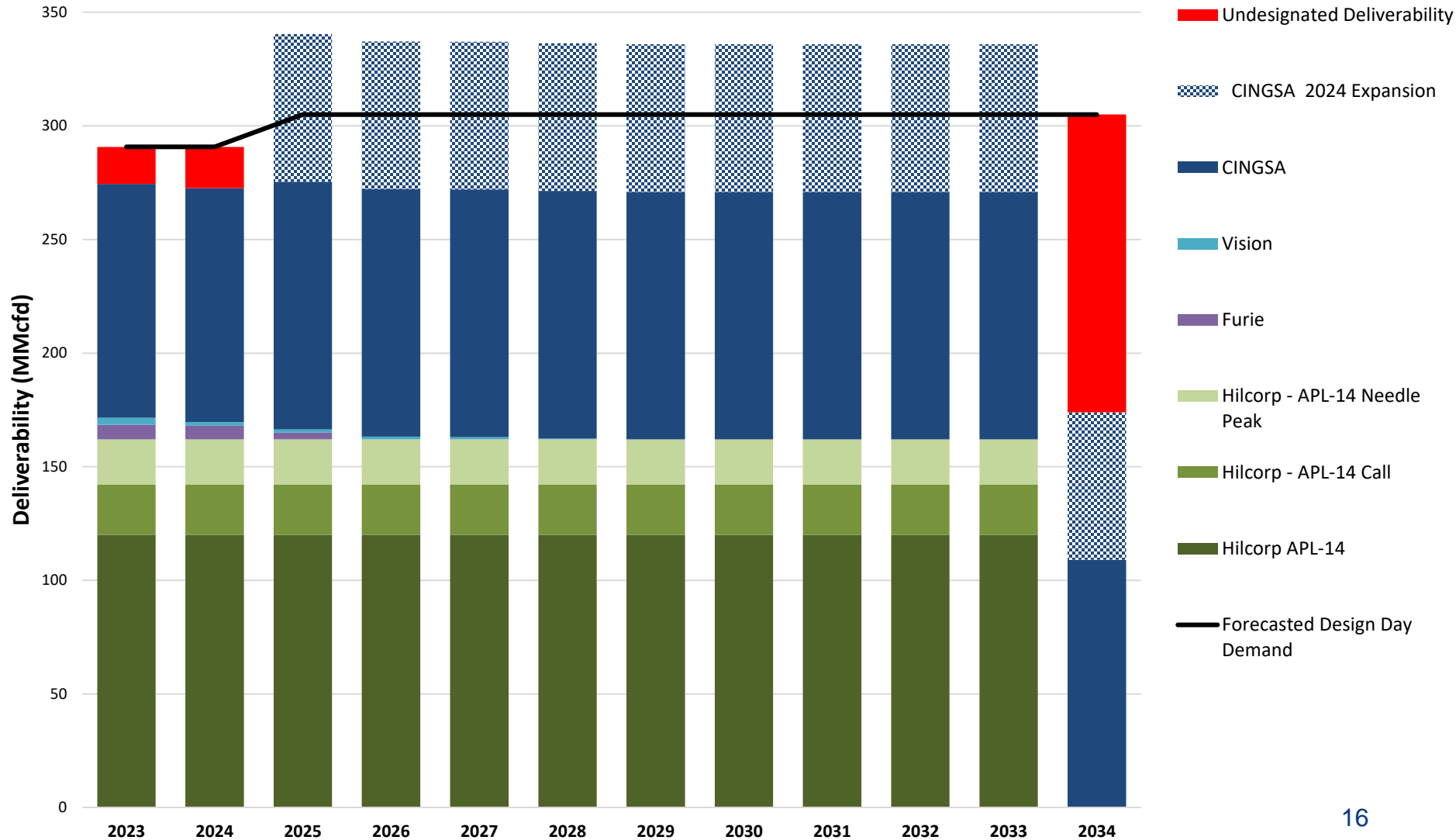


ENSTAR Supply and Demand 2016-2024F

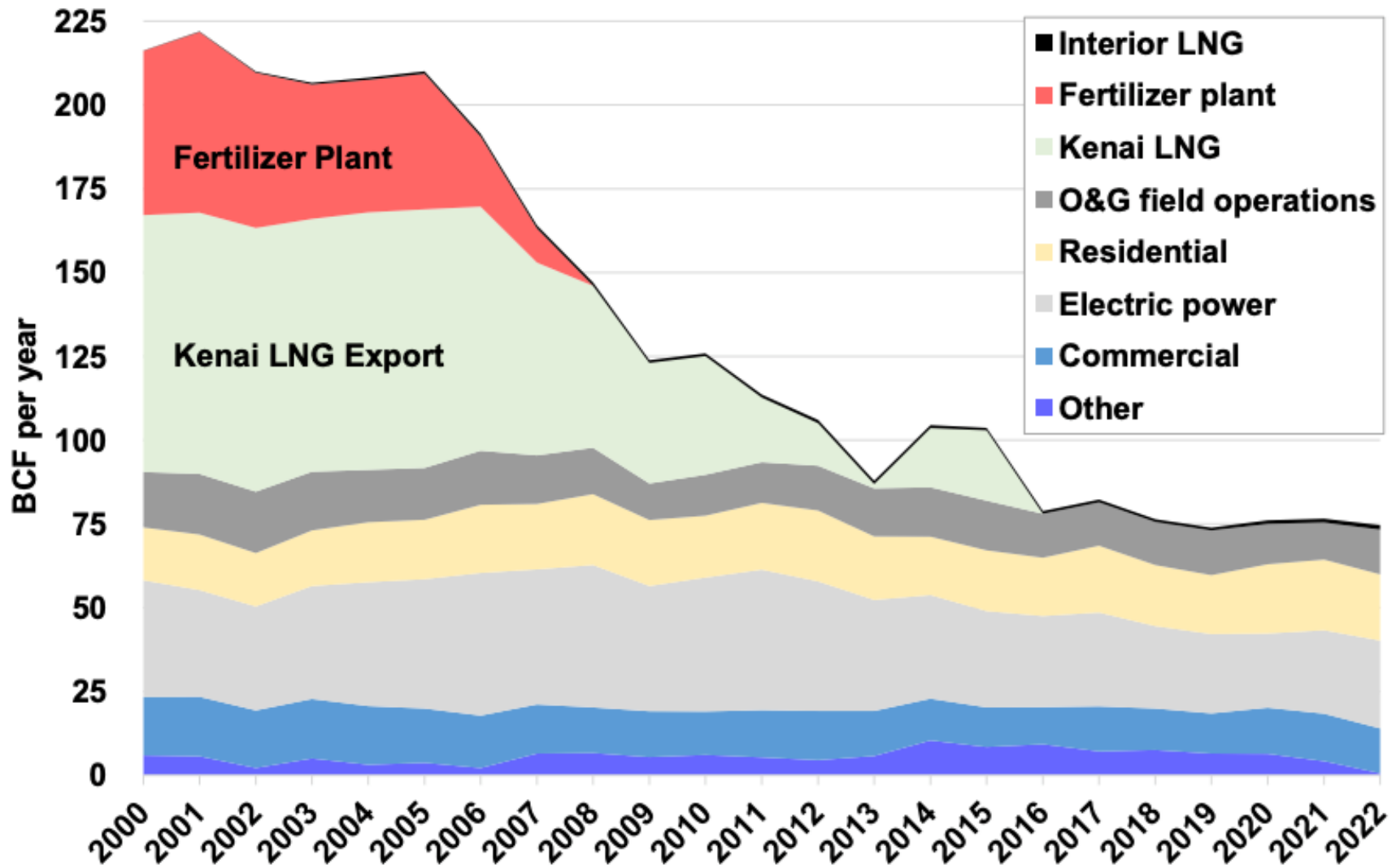
ENSTAR Supply and Demand Forecast 2016-2024F



ENSTAR Deliverability 2023-2034



Cook Inlet Demand (Source 2024 DNR)

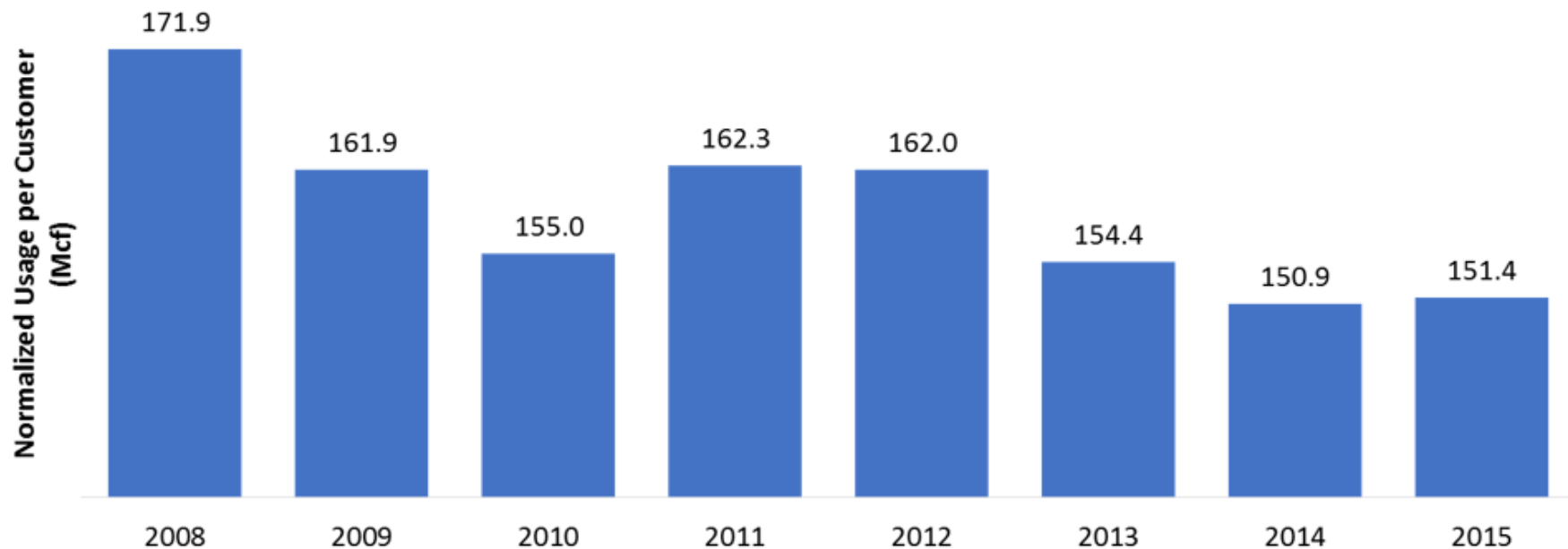


“How else can I help?”



Home Energy Rebate Program

Normalized Average Annual Residential Customer Usage



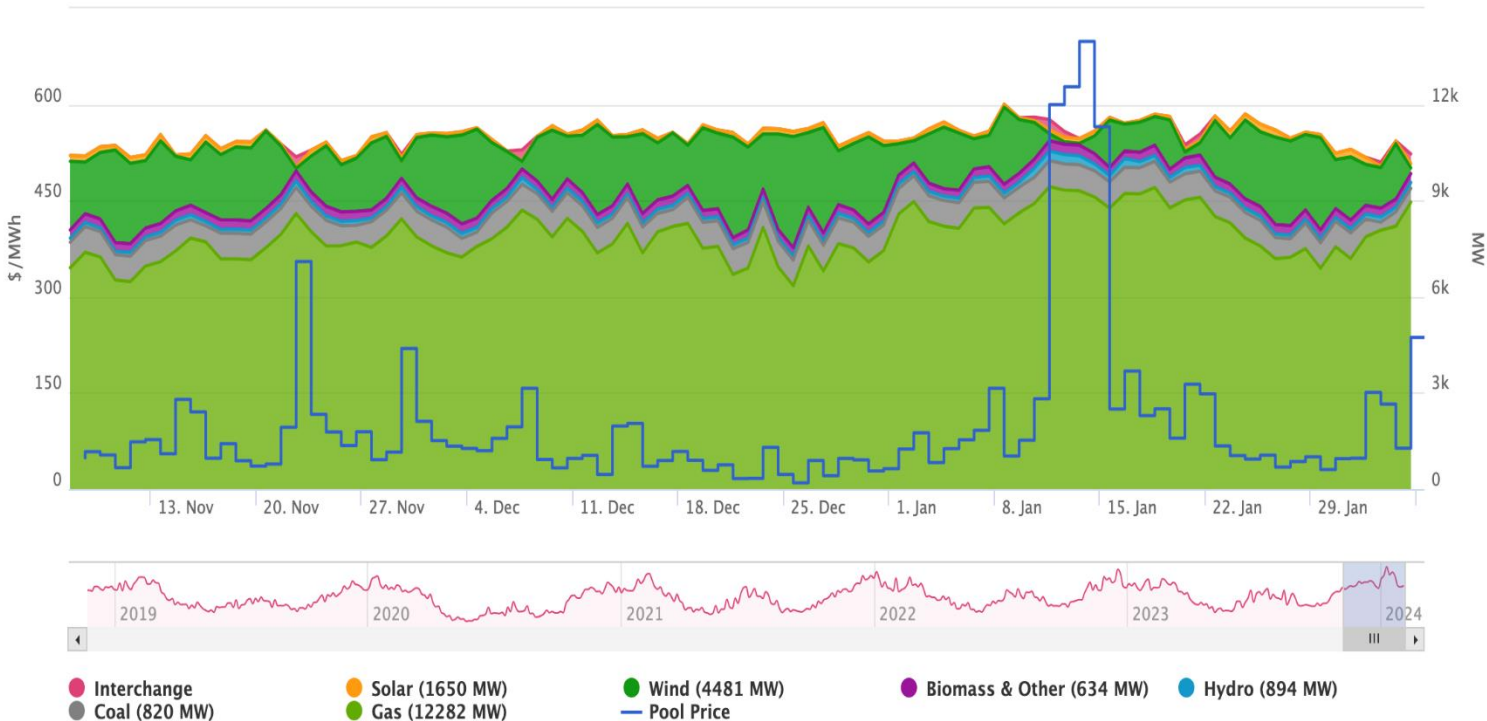
Meeting Peak Demand



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GO GREEN

Zoom 1d 1w **3m** 1y all

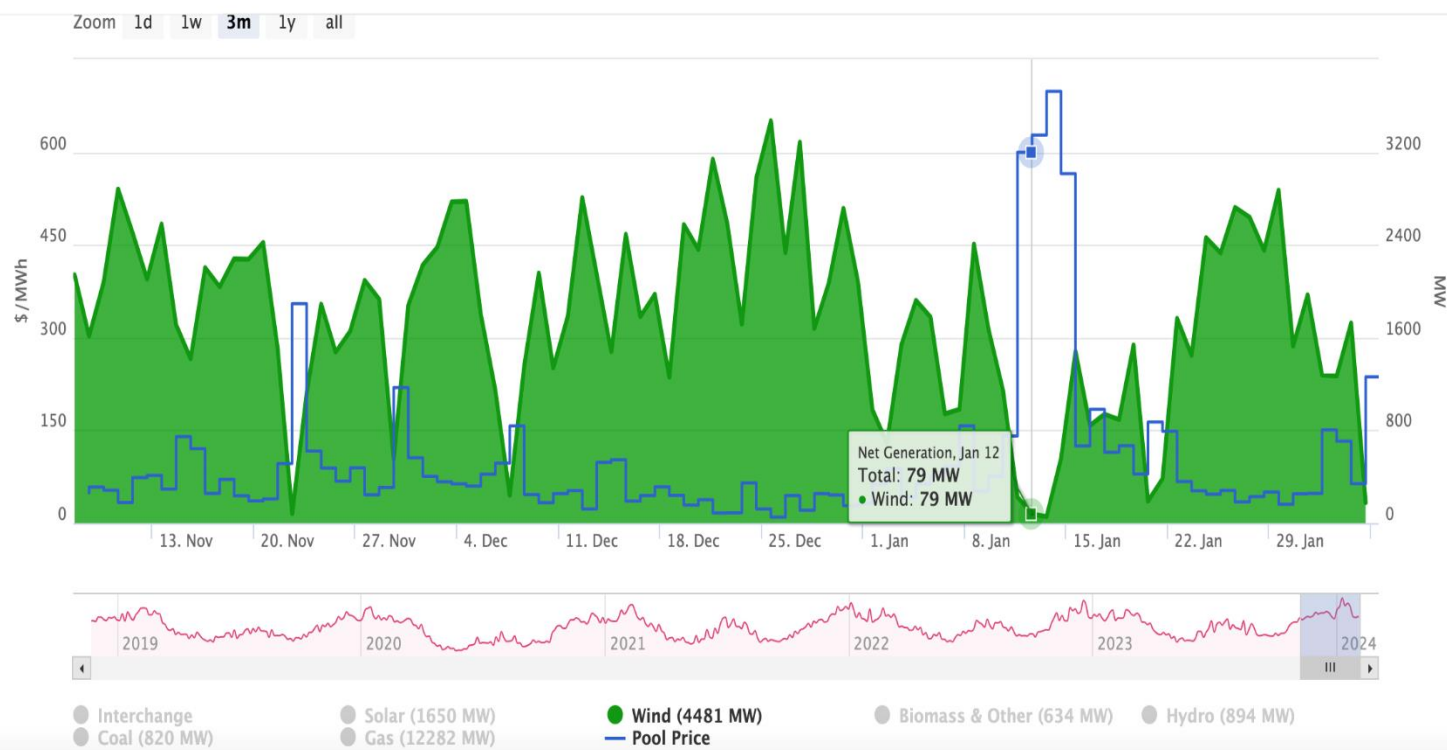


Meeting Peak Demand (Cont.)



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GO GREEN





Questions