



2024 Winter Reliability Forum

November 22, 2024



Presenters



Mike Roeder

Senior Vice President
External Affairs



Ashley Babcock

Vice President
IN/OH Gas



Tony Gardner

Senior Vice President
and Chief Customer Officer



Shane Bradford

Vice President
Indiana Electric

Executive Summary

- ✓ CenterPoint Energy is prepared to meet the **energy needs** of our customers this winter.
- ✓ Natural gas supplies are **affordable** and **reliable**.

- ✓ **Customer support** and **outreach** are fundamental to our business.
- ✓ We are equipped to maintain **reliability** even in extraordinary circumstances.

Indiana Service Territories

Indiana Natural Gas Distribution

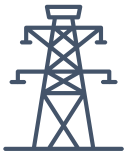


More than

767,000

Natural gas
metered customers

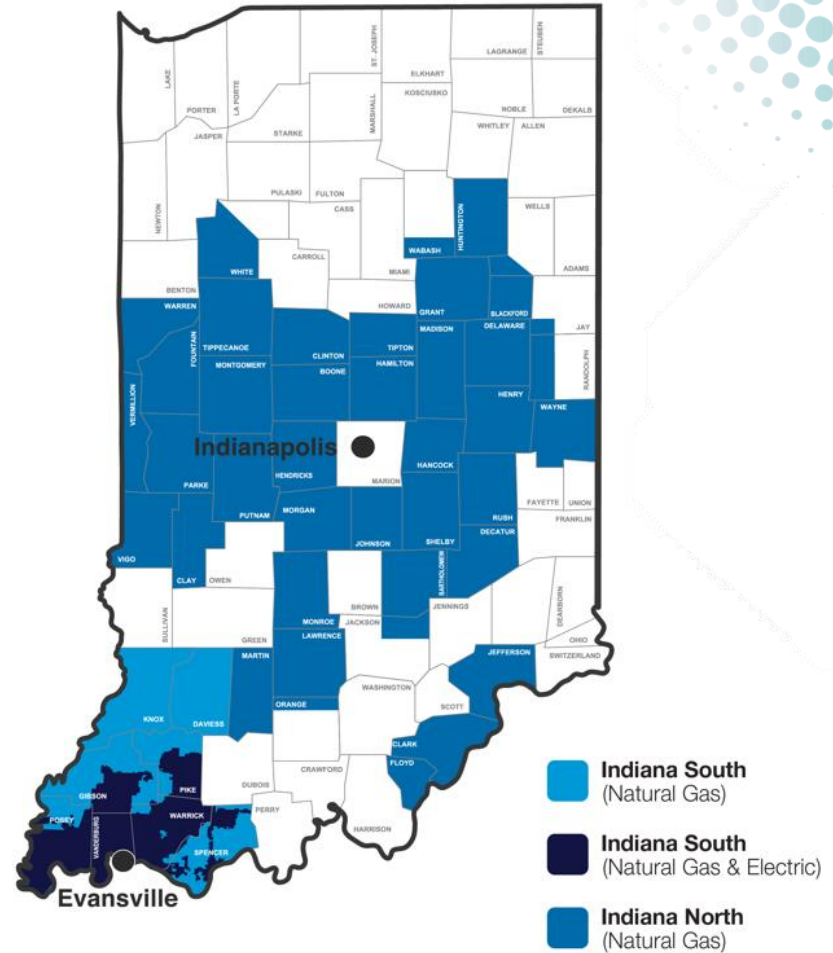
Indiana Electric Transmission & Distribution and Power Generation



Approximately

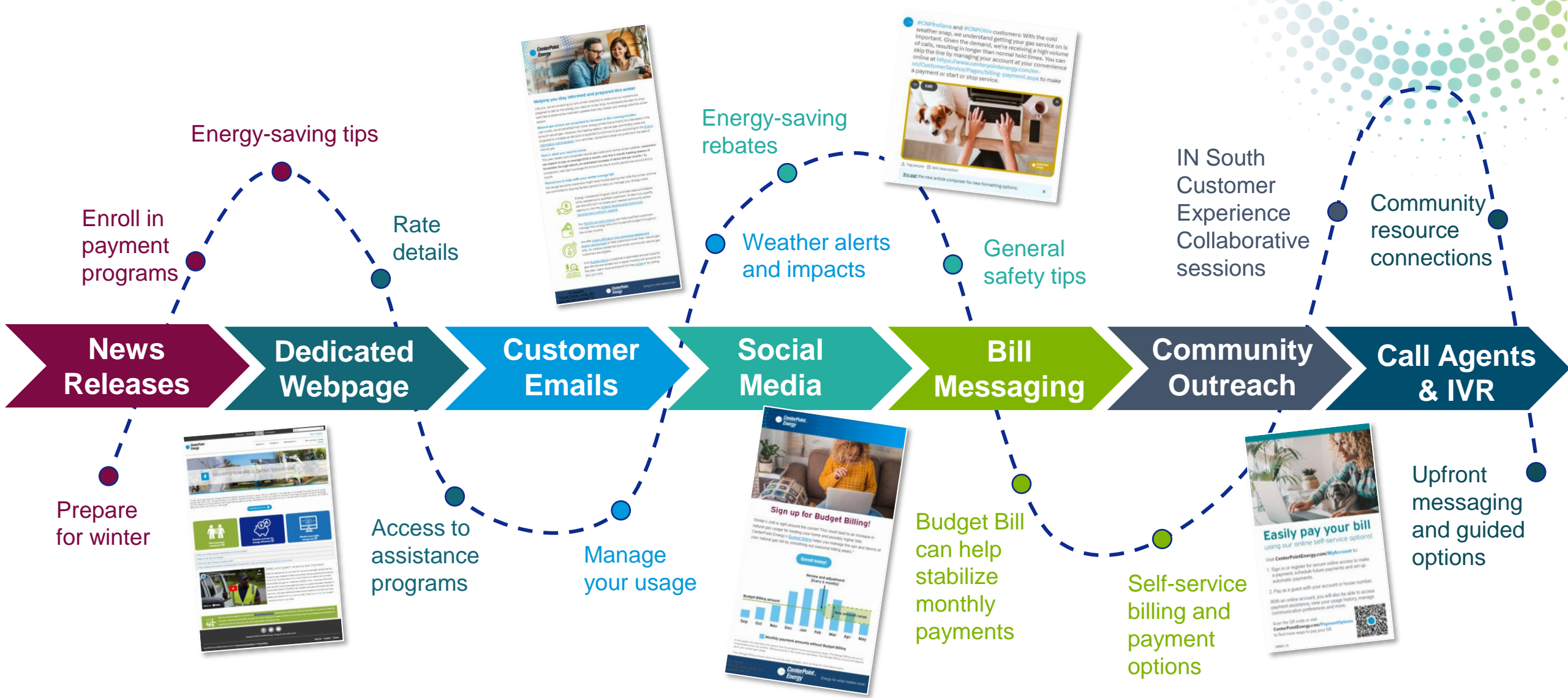
150,000

Electric
metered customers



Customer Experience

Customer Experience



Customer Experience – Latest Initiatives

- **Customer Experience Collaborative:**
Engaging directly with southwestern Indiana customers for direct feedback.
- **Customer Assistance Fund:**
Reframing *Share the Warmth* program into financial support to eligible customers in Indiana for bill assistance.
- **Energy Efficiency Block Party:**
Connecting the Evansville community with energy-saving resources and activities.
- **Traveling City Hall:**
Engaging with the City of Evansville to provide customer service solutions at various events.



Community Foundation and Engagement

2024 Foundation Giving



- Provided grants to **200 organizations**
- Donated more than **\$4 million**

Significant Projects

- Expanded **Dolly Parton's Imagination Library** to 5 new counties
- Supported opening of **Goodwill Excel Center** in Southern Indiana
- Funded **STEM innovation lab** at University of Southern Indiana
- Provided grant to expand **Scholar House** to Muncie and Marion, IN

2024 Employee Impact



- More than **40 leaders** serve on non-profit boards
- **8,000 volunteer hours** contributed
- **\$133,000** contributed in matching gifts to IN non-profits

2024-25 Winter Bill Projections

Gas Customers Based on Average Use	2023/2024 Heating Season	2024/2025 Heating Season	Difference
CEI North Gas	\$97	\$107	\$10
CEI South Gas	\$110	\$129	\$19

- Natural gas customers are expected to see a bill increase of approximately \$10-19/month

Electric Customers Based on Average Use	2023/2024 Heating Season	2024/2025 Heating Season	Difference
CEI South Electric (standard rate)	\$131	\$135	\$4
Combined Gas and Electric Bill (standard rate)	\$241	\$264	\$23
CEI South Electric (transitional - electric heat rate)	\$210	\$216	\$6

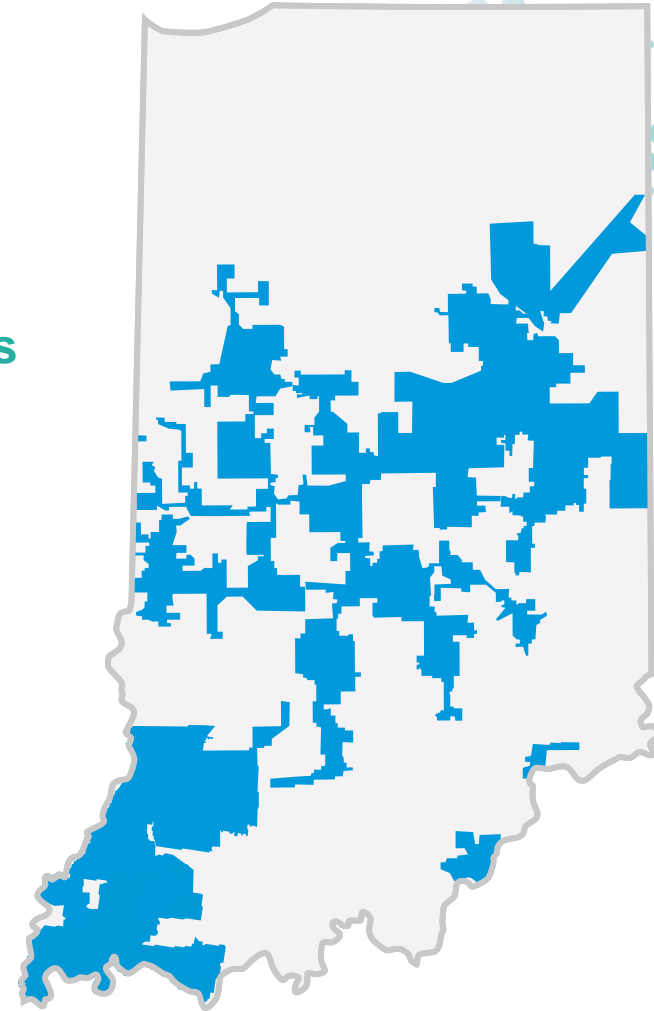
- Electric bills for standard residential customers are expected to increase by approximately \$4/ month
- Transitional customers that heat with electric expected to see a bill increase of approximately \$6/month

Electric Benchmark at 1,000 kWh	2023/2024 Heating Season	2024/2025 Heating Season	Difference
CEI South Electric (standard rate)	\$182	\$188	\$6

Natural Gas

Gas Footprint

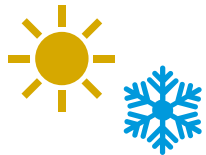
Company	Distribution Lines (Miles)	Transmission Lines (Miles)
Indiana North (IGC)	13,573	631
Indiana South (SIGECO)	3,152	119
Total	16,725	750



Winter 2024-25 Gas Supply Plan - Objectives



Procure natural gas for essential **human needs** for space heating, cooking and water heating



Provide supply to customers with **varying load conditions**

- Extremely warm weather and severely cold weather

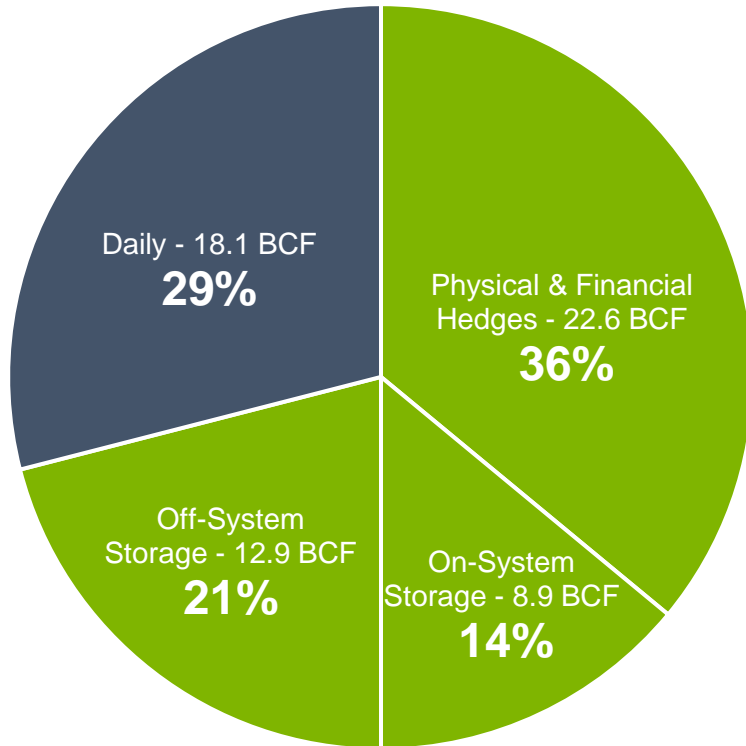


Supply products that provide a balance for weather forecast errors and weekend varying loads such as:

- Off-System Storage & On-System Storage, price protected baseload supply, propane-air peak shaving

2024-25 Gas Supply Plan – Price Stabilization

Winter 2024-2025 Price Stabilization
(Residential & Commercial)



- Physical & Financial Hedges - 22.6 BCF
- On-System Storage - 8.9 BCF
- Off-System Storage - 12.9 BCF
- Daily - 18.1 BCF

Diverse supply mix

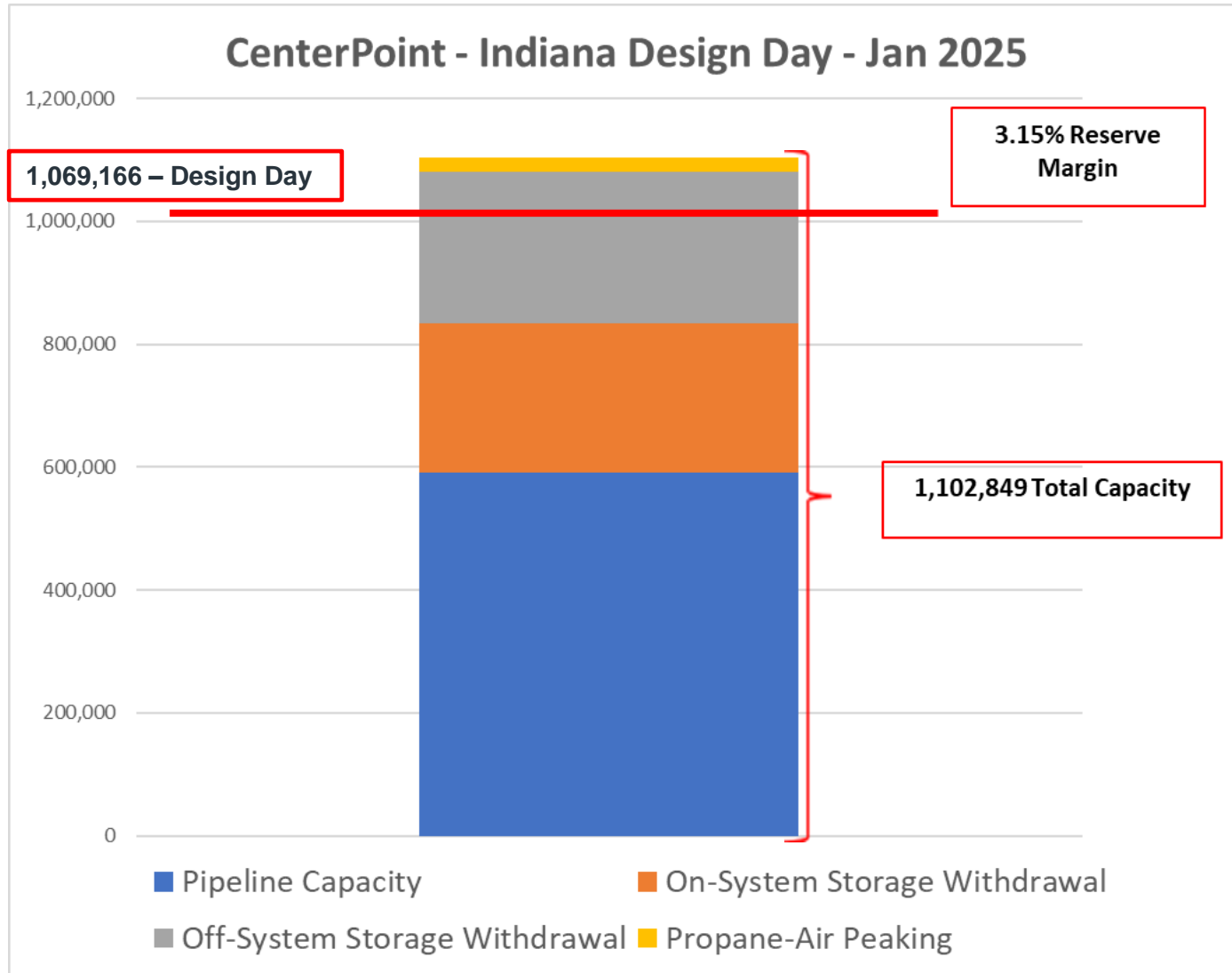
- Multiple pipelines
- Various supply terms & pricing

Asset Manager provides:

- Flexibility & risk mitigation
- Ensures reliability during high demand days

Total Winter Purchases	62.5 BCF
Total Hedges	44.3 BCF
Price Stabilization %	70.8%

2024-25 Gas Supply Plan – Design Day



Pipeline & Storage capacity are under long-term firm contracts.

Total Capacity	1.10 BCF
Design Day	1.07 BCF
Reserve Margin %	3.15%

Natural Gas Winterization

To prepare for extreme cold weather events:

- Ensure critical system components are operational
- Modify shifts to staff critical facilities
- Communicate regularly with Gas Control, Gas Supply, Forecasting, Transmission Operations, System Planning, and Storage
 - Review gas supply plan, supplemental gas plan, areas of concern/recent pressure alarms, review of system charts, etc.
 - Monitor weather forecasts daily for updates to the severity and timing
 - Increase the frequency of meetings to daily as needed



Natural Gas Winterization (cont.)

- Stop planned work to allow the workforce to monitor the system/equipment
- Construction crews have heightened awareness of the effects of cold weather on polyethylene pipe during construction and make sure steel plates are removed or secured
- Pump drips, as necessary
- Ensure vehicles, technicians, and facilities are staged and equipped appropriately to support operations
- Verify cold weather Personal Protective Equipment (PPE) is distributed and stocked



Natural Gas Winterization (cont.)

Planning Meetings:

- Gas System Planning (GSP) facilitates an annual meeting to review:
 - Known areas of concern, remediation projects planned, and solicit operation's feedback
 - System changes from the past years' Modernization (BSCI and other) projects and load growth
 - Chart systems to provide critical information that will confirm load

Winterization activities that differ by type of facility:

- Regulator stations feeding medium and high-pressure systems will likely remain at **normal** setpoints, low-pressure stations are usually set at a temporary **increased** setting that is closer to MAOP
- Systems considered at an increased risk may be physically staffed 24/7



Electric

CEI South's Electric Footprint

2023 Retail Sales (GWh) – 4,394

- Residential – 1,336
- Commercial – 1,116
- Industrial – 1,922
- Other – 20

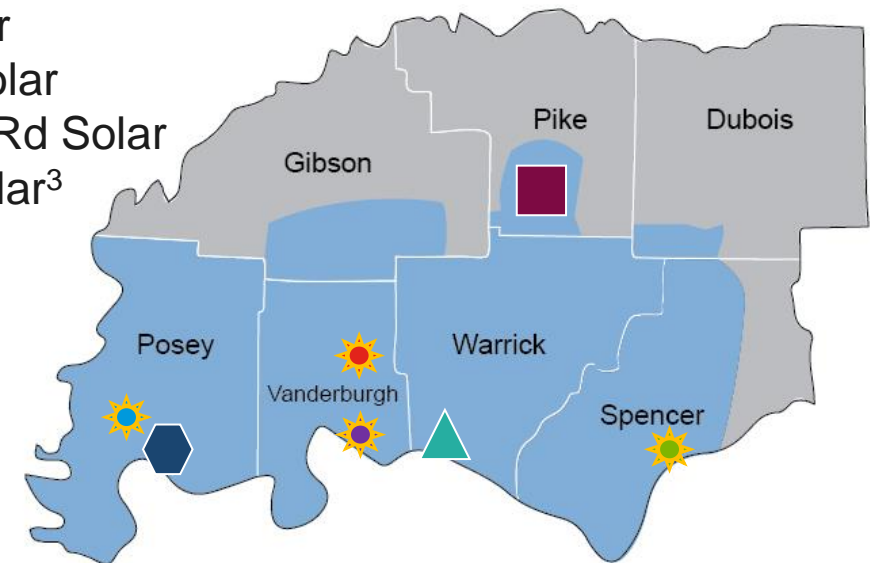
Transmission System

- 1,063 miles of transmission lines
- 36 transmission substations

Distribution System

- Approximately 4,600 circuit miles of overhead distribution lines
- Approximately 2,600 circuit miles of underground distribution lines
- 36% of distribution underground
- 78 distribution substations

- Power plants¹
- ◆ AB Brown Gas Turbines²
 - ▲ FB Culley
 - Blackfoot Clean Energy Plant
 - ☀ Troy Solar
 - ☀ Oakhill Solar
 - ☀ Volkman Rd Solar
 - ☀ Posey Solar³



¹Fowler Ridge & Benton County Wind Farms not shown.

²ABB CTs 5&6 expected to be in-service Q2 2025.

³Posey Solar expected to be in-service Q2 2025.

Generation Fleet Overview

Installed Capacity

Coal Units – 392 MW

- FB Culley Units 2 and 3 – 360 MW
- Ohio Valley Electric Cooperative (OVEC) – 32 MW

Gas Peaking Units – 160 MW

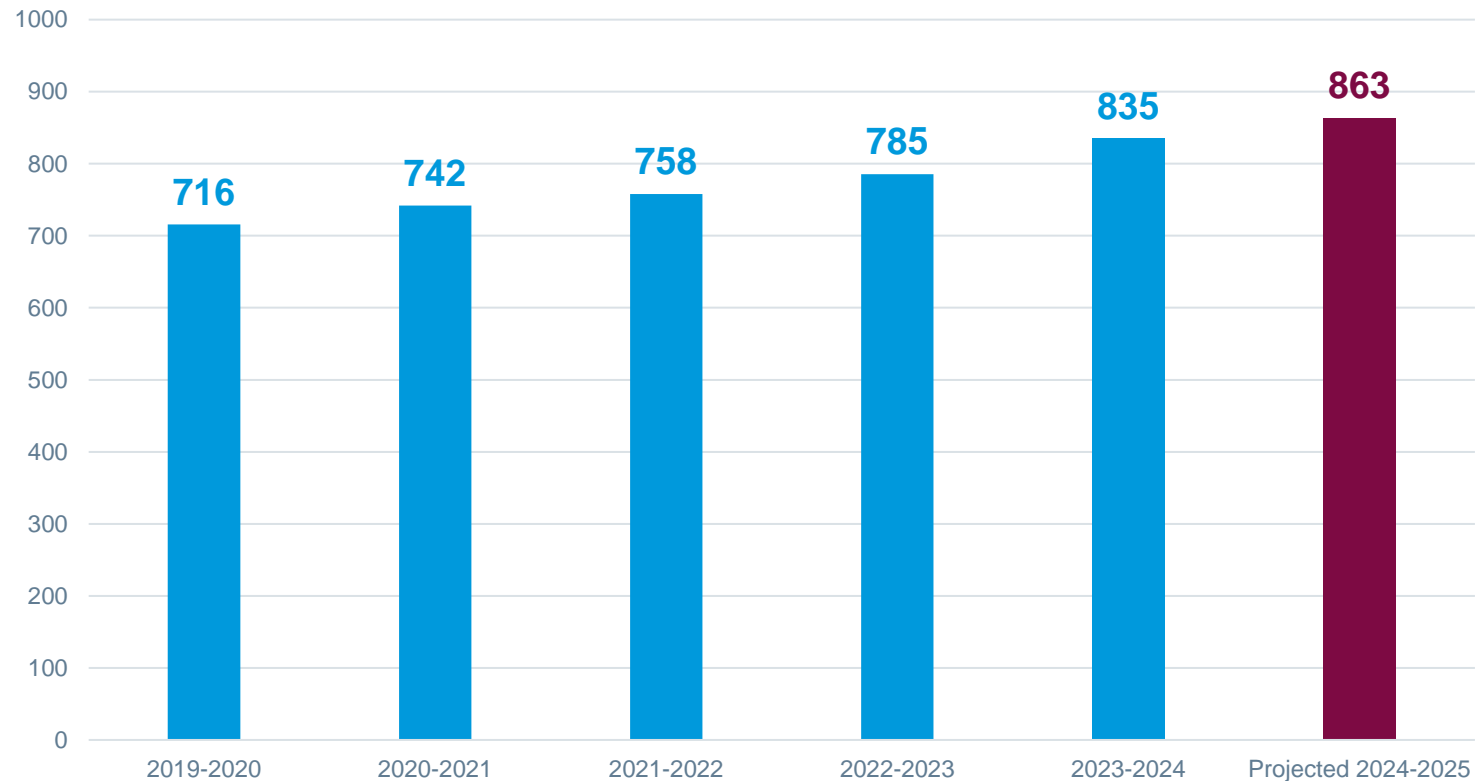
- AB Brown Units 3 and 4 – 160 MW

Renewables – 137 MW

- Troy Solar – 50 MW
- Volkman Road Solar – 2 MW
 - Includes 1 MW/4 MWhr Battery
- Evansville Urban Solar – 2 MW
- Blackfoot Landfill Gas – 3 MW
- Fowler Ridge Wind PPA – 50 MW
- Benton County Wind PPA – 30 MW



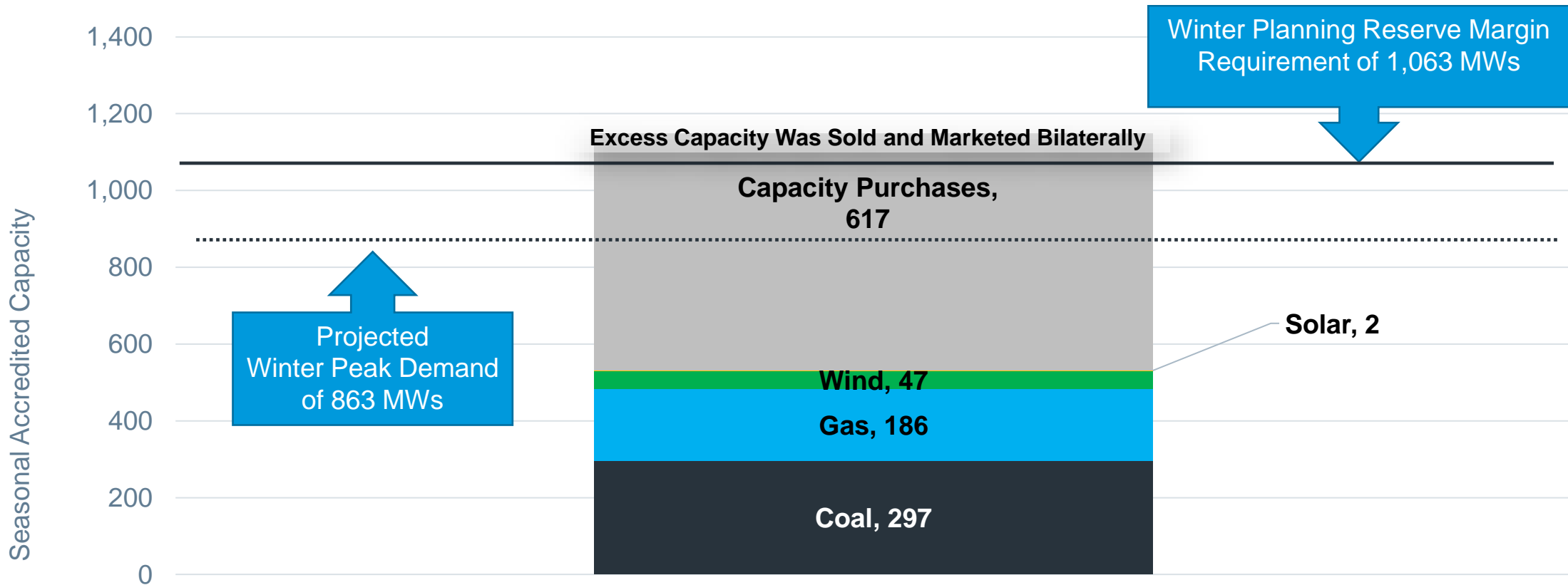
CEI South Historical and Projected Winter Season Peak Load (MW)



¹ December 2024-February 2025, based on load forecast for the 2024-2025 MISO planning year

CEI South Capacity Resources for 2024–2025 Winter Season

- CEI South has sufficient capacity to meet customer demand and MISO planning reserve margin requirements (PRMR) for the winter season
- Capacity purchases were secured to meet the PRMR for the 2024-2025 planning year
- 65% of CEI South’s generators have onsite fuel storage or firm capacity for this winter



CEI Electric – Winter Reliability Preparedness

Preparation

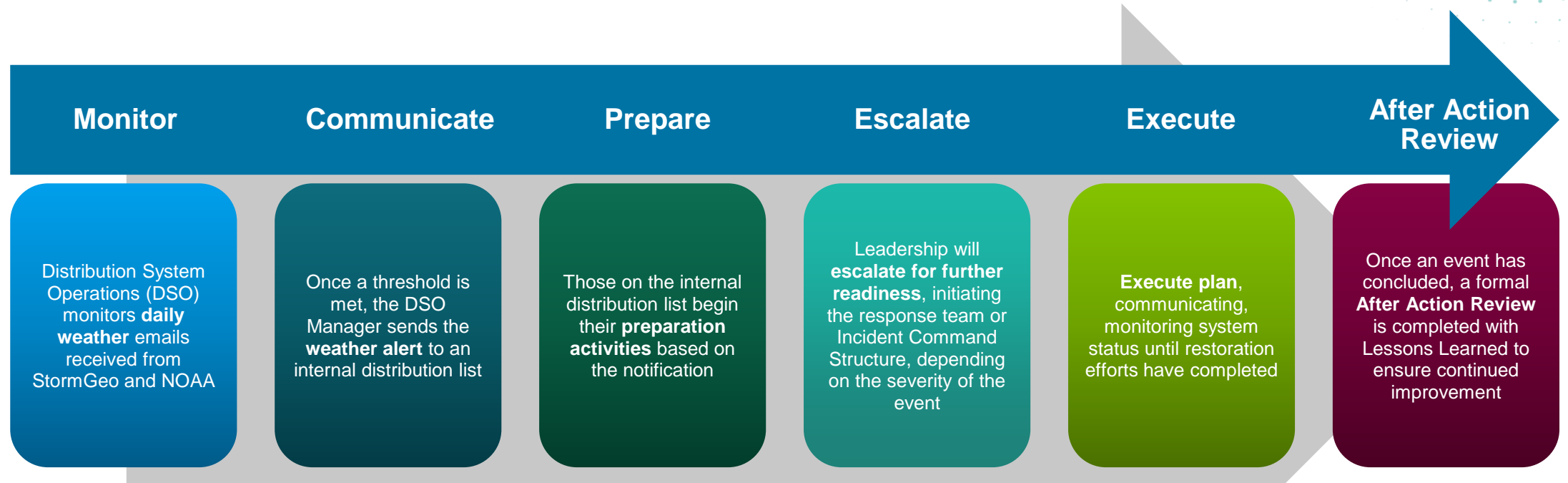
- Year-round preventive and predictive maintenance program to support readiness for peak conditions.
 - Perform standard winterization prior to the winter season
- Monitor StormGeo, NOAA, and local meteorologists in anticipation of significant weather events.
 - Prior to an extreme cold weather event, critical equipment areas are inspected for additional preparation consideration
- MISO emergency conditions – “hands off” approach
- Generation maintenance outages on the Culley units were completed in September

Fuel Supply & Chemical Inventories

- Coal pile inventory at Culley generating station is approximately 75 days.
- Coal supplier and transportation are operating with no restrictions.
- Gas Supply for existing Gas Turbines is 76% firm capacity and 24% storage for peak day usage.
- Ensure chemicals and reagents inventory is adequate and deliveries are scheduled to maintain environmental compliance

Electric Winterization Activities

When impacted by a severe weather event, we execute our **storm response plan**.



Q & A

