Winter Reliability Forum

October 28, 2021

CenterPoint Energy

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Examples of forward-looking statements in this presentation include statements about our regulatory and other projections in connection with our anticipated rate case filing in Indiana, among other statements. We have based our forward-looking statements on our management's beliefs and assumptions based on information currently available to our management at the time the statements are made. We caution you that assumptions, beliefs, expectations, intentions, and projections about future events may and often do vary materially from actual results. Therefore, we cannot assure you that actual results will not differ materially from those expressed or implied by our forward-looking statements.

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Attendees

Natural Gas

- Richard Leger, Vice President, IN/OH
- Brian Wagaman, Vice President, Gas Supply
- Paula Grizzle, Director, Gas Supply Portfolio Optimization
- Kristal Dipuccio, Manager, Gas Supply Portfolio Optimization

Electric

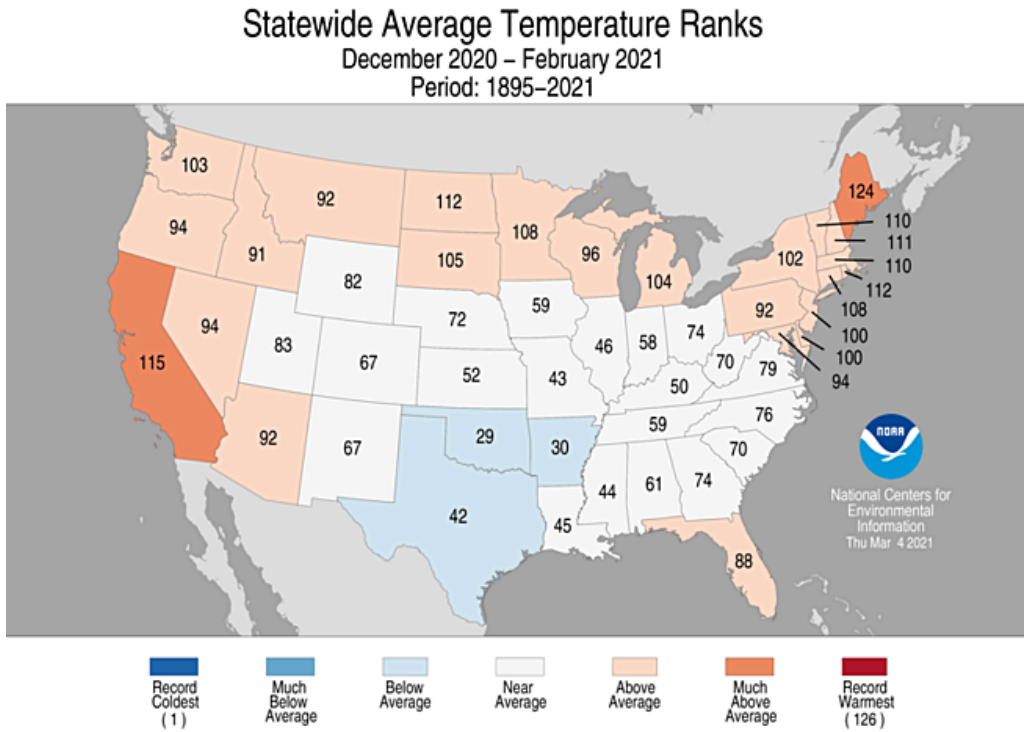
- Steve Greenley, Senior Vice President, Generation Development
- Dave Reherman, Director, Power Plant

Agenda

- CenterPoint Energy Indiana (CEI) North and South Natural Gas Supply Plan
- CEI North and South Natural Gas Winterization Activities
- CEI South Electric's Resource Adequacy
- Commitment to Customer Reliability
- CEI South Electric's Winterization Activities
- Discussion Questions

2020 – 2021 Winter – CEI North and South Overview

- Winter temperatures above average overall:
  - CEI North: 4,120 actual Heating Degree Days (HDD) compared to 4,340 HDDs normally
  - CEI South: 3,415 actual HDDs compared to 3,681 normally
- Coldest day during winter 2020 - 2021:
  - CEI North: February 7, 2021, with an average temperature of 9°F at Indianapolis
  - CEI South: February 16, 2021 with an average temperature of 10°F at Evansville
- Total winter volumes:
  - CEI North: 35.3 Bcf versus a plan of 34.8 Bcf, or 2% higher
  - CEI South: 5.0 Bcf versus a plan of 4.8 Bcf, or 5% higher
- Gas supply was reliable in both CEI North and South service territories
- 59% of total winter supply was hedged



2020 Plan Results: Forecast vs. Actual Volumes – Winter Only

CenterPoint Energy Indiana North

(November 2020 – March 2021)	Actual		Plan	
Baseload – Hedged	16,964,990	30.8%	16,964,990	33.1%
Daily/Swing Supply	22,612,426	41.0%	15,650,933	30.6%
Storage Supply	15,575,589	28.2%	18,575,067	36.3%
Total System Deliveries	**55,153,005**	**100.0%**	**51,190,990**	**100.0%**
Total Price Stabilization	32,540,579	59.0%	35,540,057	69.4%

2020 Plan Results: Forecast vs. Actual Volumes – Winter Only

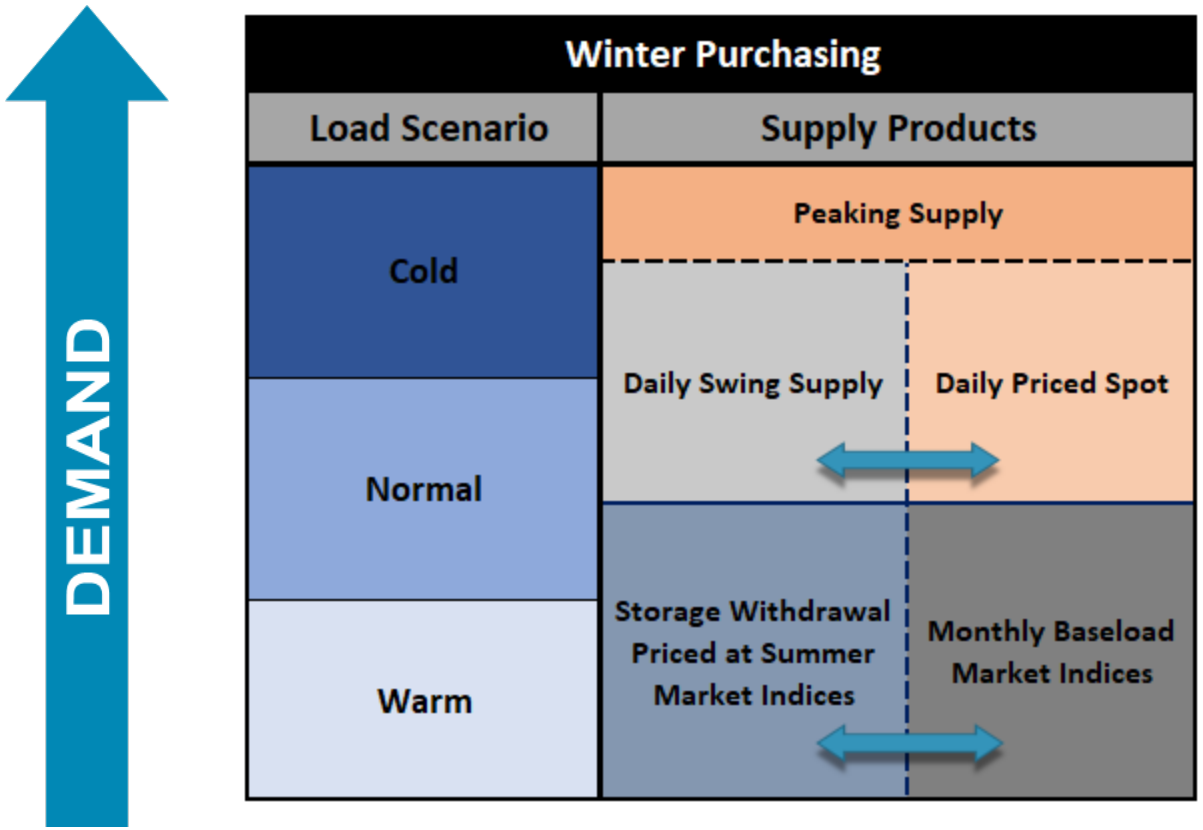
CenterPoint Energy Indiana South

(November 2020 – March 2021)	Actual		Plan	
Baseload – Hedged	2,350,689	28.4%	2,048,440	24.0%
Daily/Swing Supply	3,363,812	40.6%	2,565,709	30.1%
Storage Supply	2,576,550	31.1%	3,910,851	45.9%
Total System Deliveries	**8,291,051**	**100.0%**	**8,525,000**	**100.0%**
Total Price Stabilization	4,927,239	59.4%	5,959,291	69.9%

2021 Plan Overview of Portfolio Assets

2021 Plan Year (April 2021-March 2022)	
65.0 (Bcf)	Forecast Total Purchases (excludes transportation)
71.0 (Bcf)	3rd Party Total Transportation
513,448 (Dth)	Pipeline Transportation (Design Day) Dth/day (PEPL, ANR, TGT, REX & MGT)
21.3 (Bcf)	Storage Capacity (PEPL, ANR, TGT, and Company Fields)
382,201 (Dth)	Storage Daily Withdrawals (Dth/day) Maximum daily withdrawal quantity beginning January 1 before withdrawal ratchets
32,000 (Dth)	Peaking Daily Withdrawals (Dth/day) (Propane)

2021 Plan Daily Demand Coverage



2021 Plan Winter 2021-2022

CenterPoint Energy Indiana North

Winter 2021-2022

Purchases	DTH	Percent	Price
Baseload – Hedged	16,934,000	33.1%	$4.64
Daily/Swing Supply	15,650,933	30.6%	Market
Storage Supply	18,575,067	36.3%	$4.47
Total System Supply	**51,160,000**	**100.0%**	[redacted]
Transportation Customer Volumes	33,835,000	39.8%	[redacted]
Total Supply	**84,995,000**		[redacted]
Total Price Stabilization	**35,509,067**	**69.4%**	[redacted]

2021 Plan Winter 2021-2022

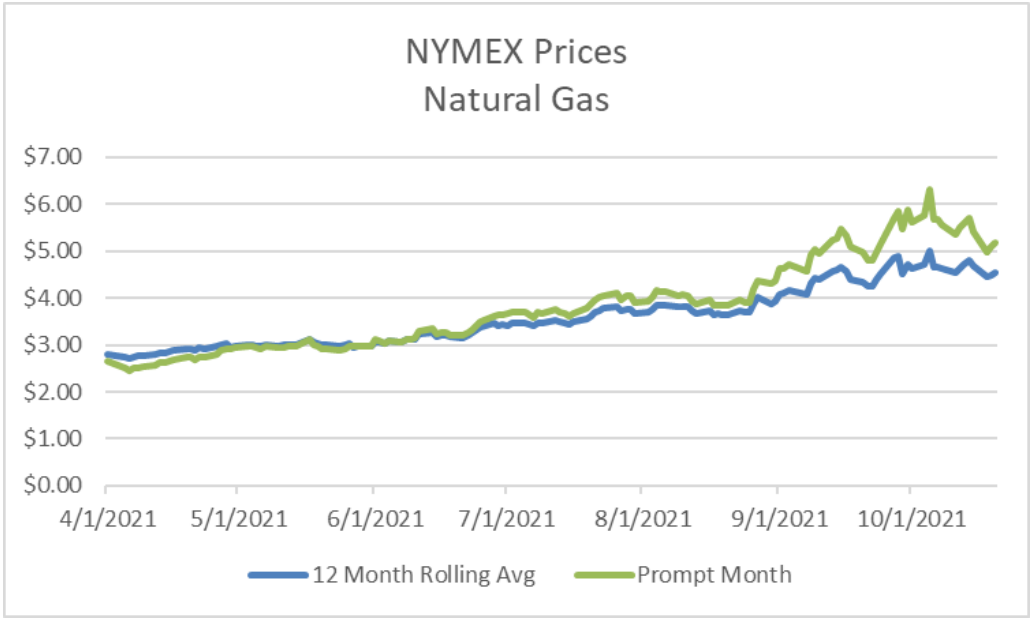
CenterPoint Energy Indiana South

Winter 2021-2022

Purchases	DTH	Percent	Price
Baseload – Hedged	2,048,440	24.0%	$4.26
Daily/Swing Supply	2,565,709	30.1%	Market
Storage Supply	3,910,851	45.9%	$4.34
Total System Supply	**8,525,000**	**100.0%**	
Transportation Customer Volumes	7,917,000	48.2%	
Total Supply	**16,442,000**		
Total Price Stabilization	**5,959,291**	**69.9%**	

Market Update

- Market prices steady climb since the end of winter
- Multiple drivers:
  - Fear of cold winter
  - Storage volume less than 5-year average
  - Europe and Asia market price spikes
  - Production is relatively flat
- A warm winter will help stabilize prices
- A cold winter will put upward pressure on prices



Natural Gas Winterization Activities

To Prepare for extreme cold weather events (including the week before), CEI South:

- Ensures that critical system components, such as pipeline heaters, odorizers, filter separators, etc., are operational
- Works different shifts to staff critical facilities early in the gas day during projected peak hour demand; this puts staff in place and makes them able to respond quicker to system issues; in some cases, technicians for both TFO and Operations are doubled up for safety.
- Communicates regularly with Gas Control; topics are generally around gas supply plan, supplemental gas plan, areas of concern/recent pressure alarms, etc.
- Stops planned work to allow the workforce to monitor the system/equipment; technicians will proactively visit certain sites to look for issues before alarms are tripped; regulator stations may be checked and adjusted, especially those that are considered critical feeds
- Pumps drips, as necessary
- Reviews areas of concern, such as areas where considerable load has been added, or where we have known pressure issues
- Ensures that four-wheel drive vehicles are staged appropriately to support operations
- Verifies cold weather PPE is distributed and stocked

Natural Gas Winterization Activities

- **Winterization activities that differ by type of facility:**
  - Whereas regulator stations feeding medium and high-pressure systems will likely remain at normal setpoints, low-pressure feeding stations are usually set at a temporary increased setting that is closer to MAOP
  - Systems considered at risk will sometimes be physically staffed 24/7

- **Planning Meetings:**
  - Gas System Planning (GSP) facilitates an annual meeting to review known areas of concern, current remediation projects plan, and solicitation of operations feedback. These meetings look at the system changes from the past years' Modernization (BSCI and other) projects and load growth.

Natural Gas Questions & Answers

CEI South Electric

CEI South's Electric Footprint

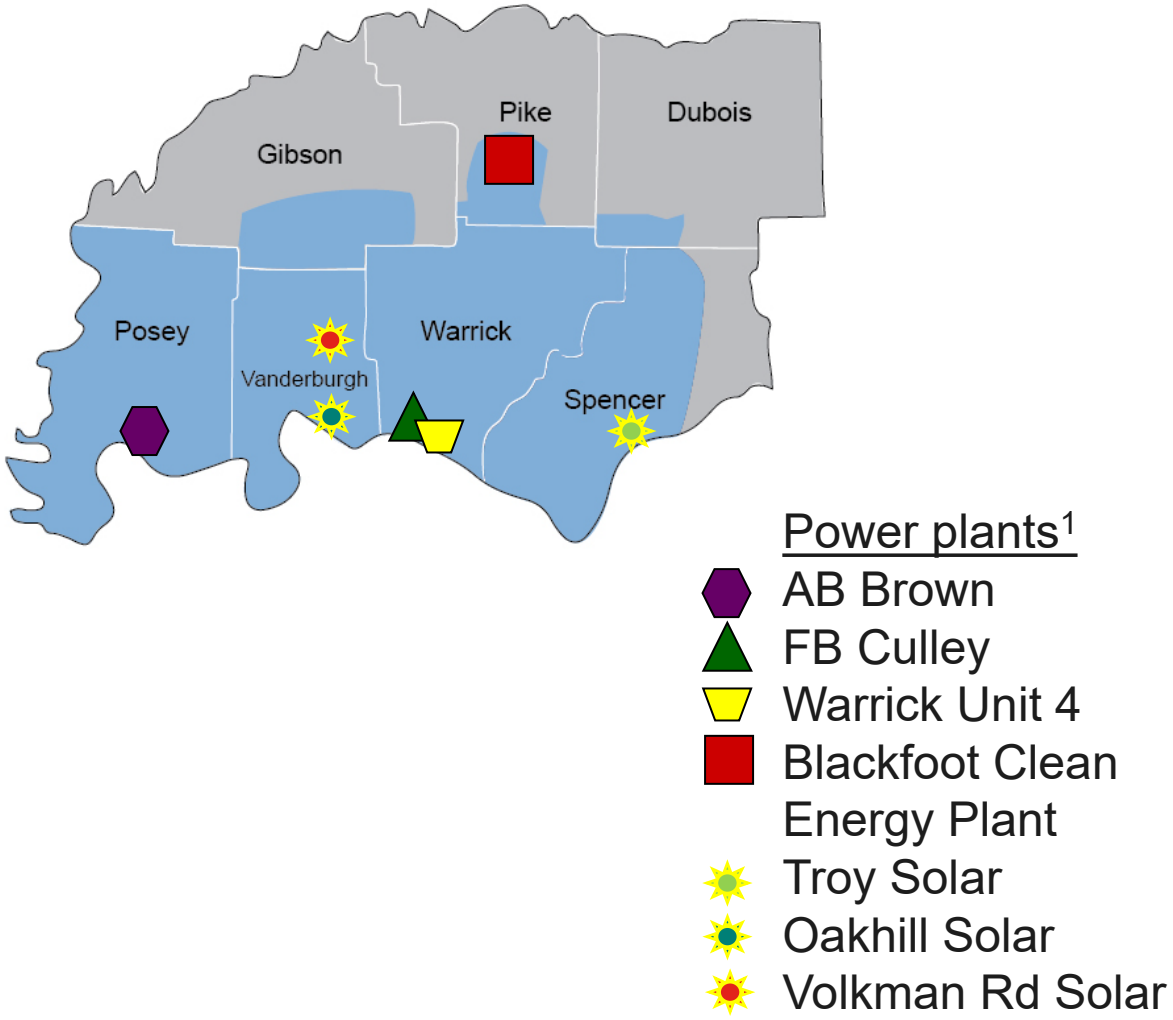
Customers	**148,700**
2020 Retail Sales (GWh)	**4,500**
– Residential	1,390
– Commercial	1,120
– Industrial	1,970
– Other	20

Transmission System

- 1,004 miles of transmission lines
- 33 transmission substations

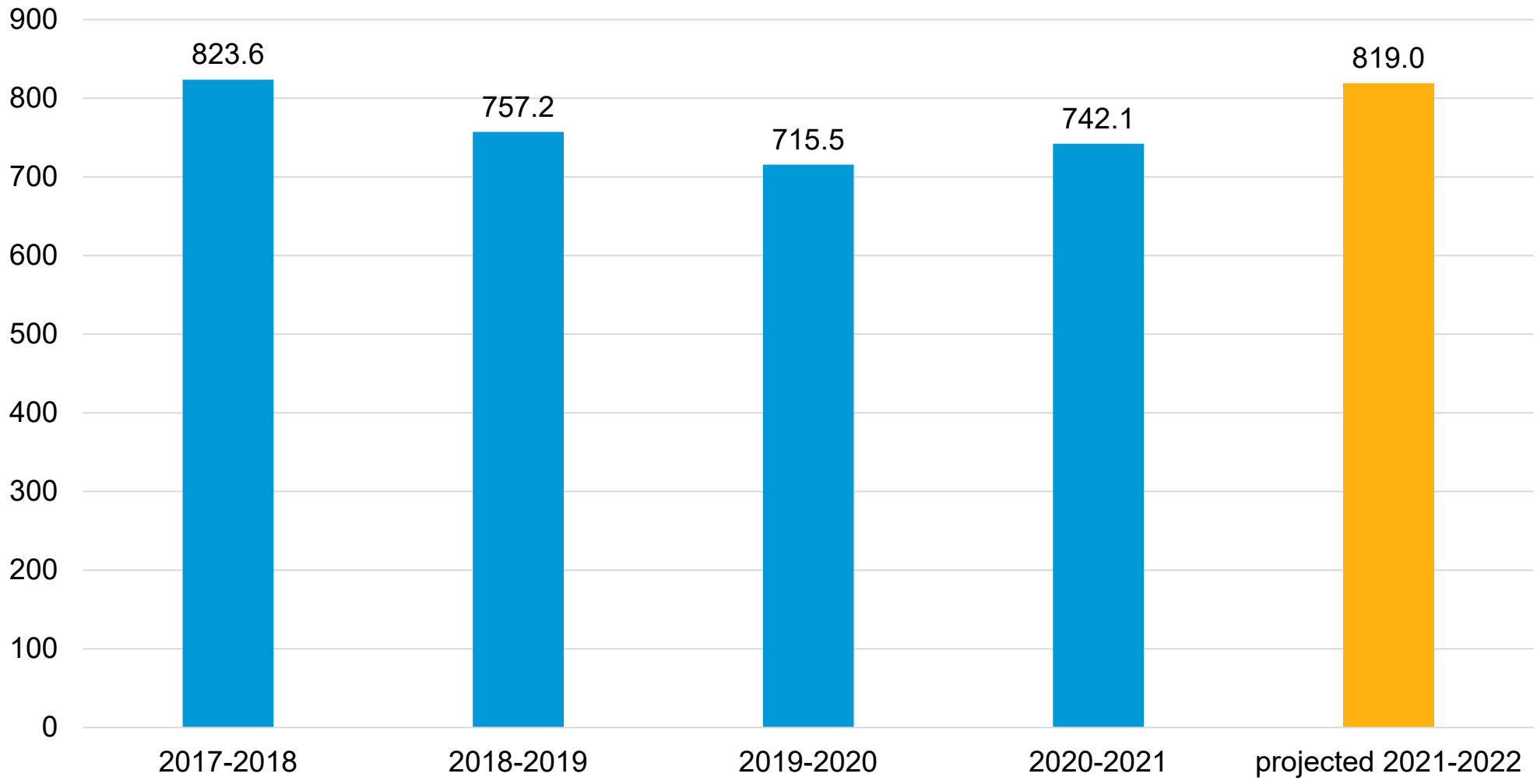
Distribution System

- More than 4,362 circuit miles of distribution lines
- 29% of distribution underground
- 78 distribution substations



1Fowler Ridge & Benton County Wind Farms not shown

CEI South Historical and Projected Winter[1] Peak Load (MW)



[1] December 2021-January 2022

CEI South Capacity Resources for 2021 – 2022 Winter Season

CEI South Installed Capacity

Coal - 1,000 MW

Natural Gas - 160 MW

Landfill Gas - 3 MW

Troy Solar – 50 MW

Volkman Rd Solar (behind the meter) – 2 MW

Oak Hill Solar (behind the meter)– 2MW

Vectren Installed - 1,217 MW

Other Capacity

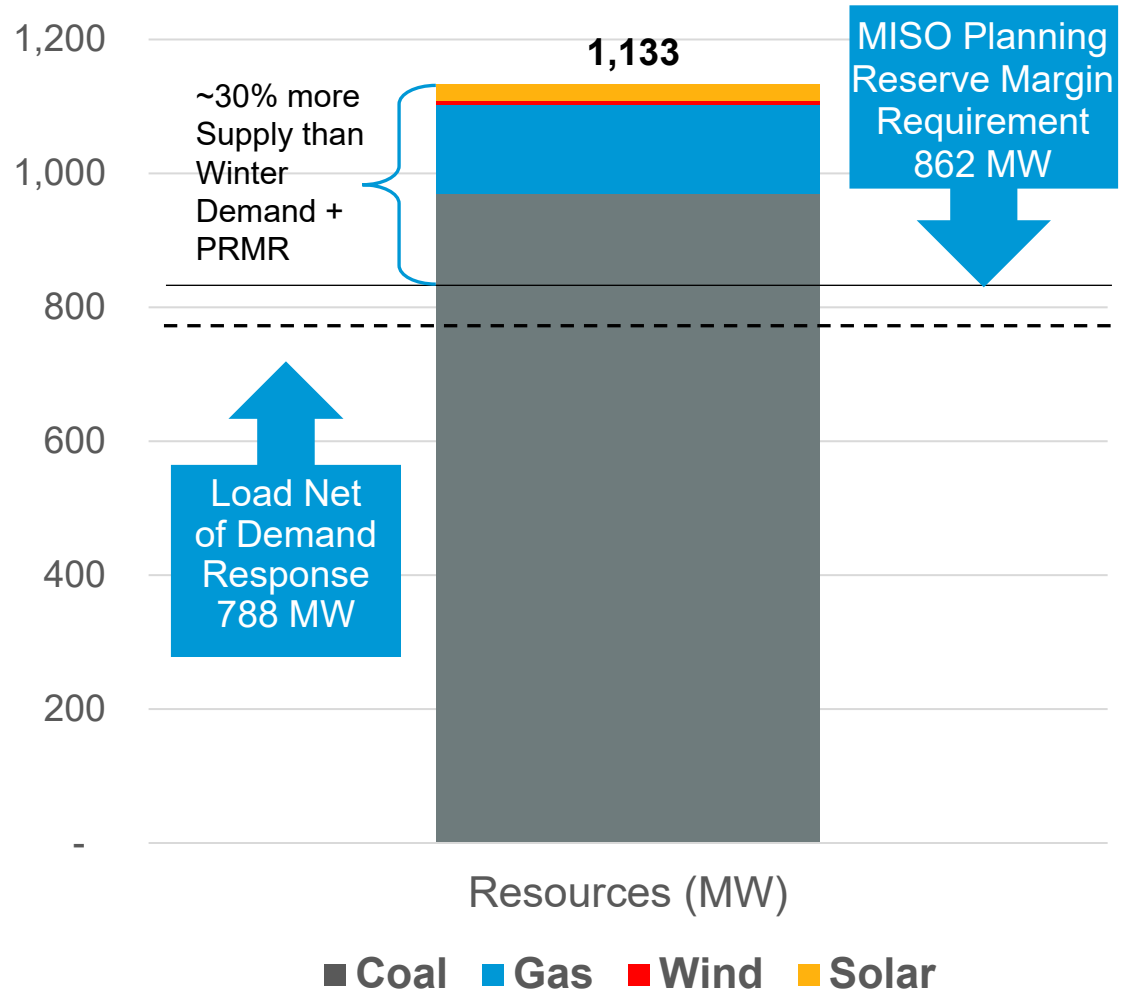
Wind Purchase - 80 MW

OVEC - 32 MW

Total Other - 112 MW

Total Installed Capacity 1,329 MW

MISO Accredited Capacity 1,133 MW



CEI South Energy Efficiency Programs

Residential Programs

- Residential Specialty Lighting
- *Residential Prescriptive
- *Income Qualified Weatherization
- Community Based – Specialty LED
- Appliance Recycling
- Bring your Own Thermostat
- Smart Cycle
- *New Construction
- Conservation Voltage Reduction

Commercial & Industrial (C&I) Programs

- C&I Prescriptive
- *C&I Custom
- *Small Business Energy Solutions
- Conservation Voltage Reduction

CEI South Annual Energy Savings

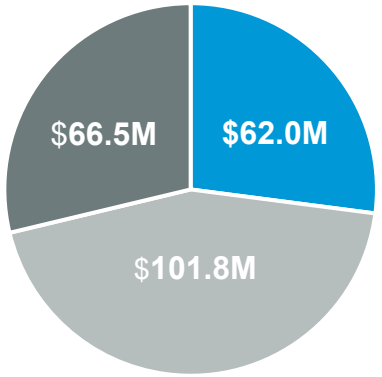
- 2020 (actual gross) – 53,321 MWh
- 2021 (projected gross) – 41,100 MWh
- 2022 (filed plan gross) – 43,962 MWh

CEI South's Electric Energy Efficiency Program Performance	
Program Year	**Percent Goal Achieved**
2016 (Evaluated)	100%
2017 (Evaluated)	111%
2018 (Evaluated)	120%
2019 (Evaluated)	115%
2020 (Evaluated)	115%

*CEI South Integrated Gas/Electric Program

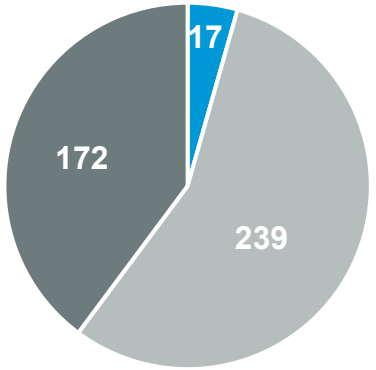
2017-2020 TDSIC Investments

$230.3M Total Investment



- Transmission
- Distribution
- Substation

428 Projects Completed



Substation

- 82 Circuit Breakers Replaced
- 22 Power XFMR Replaced
- 38 SCADA Systems Upgraded
- Other Replacements
  - 197 Arrestors
  - 114 Instrument XFMR

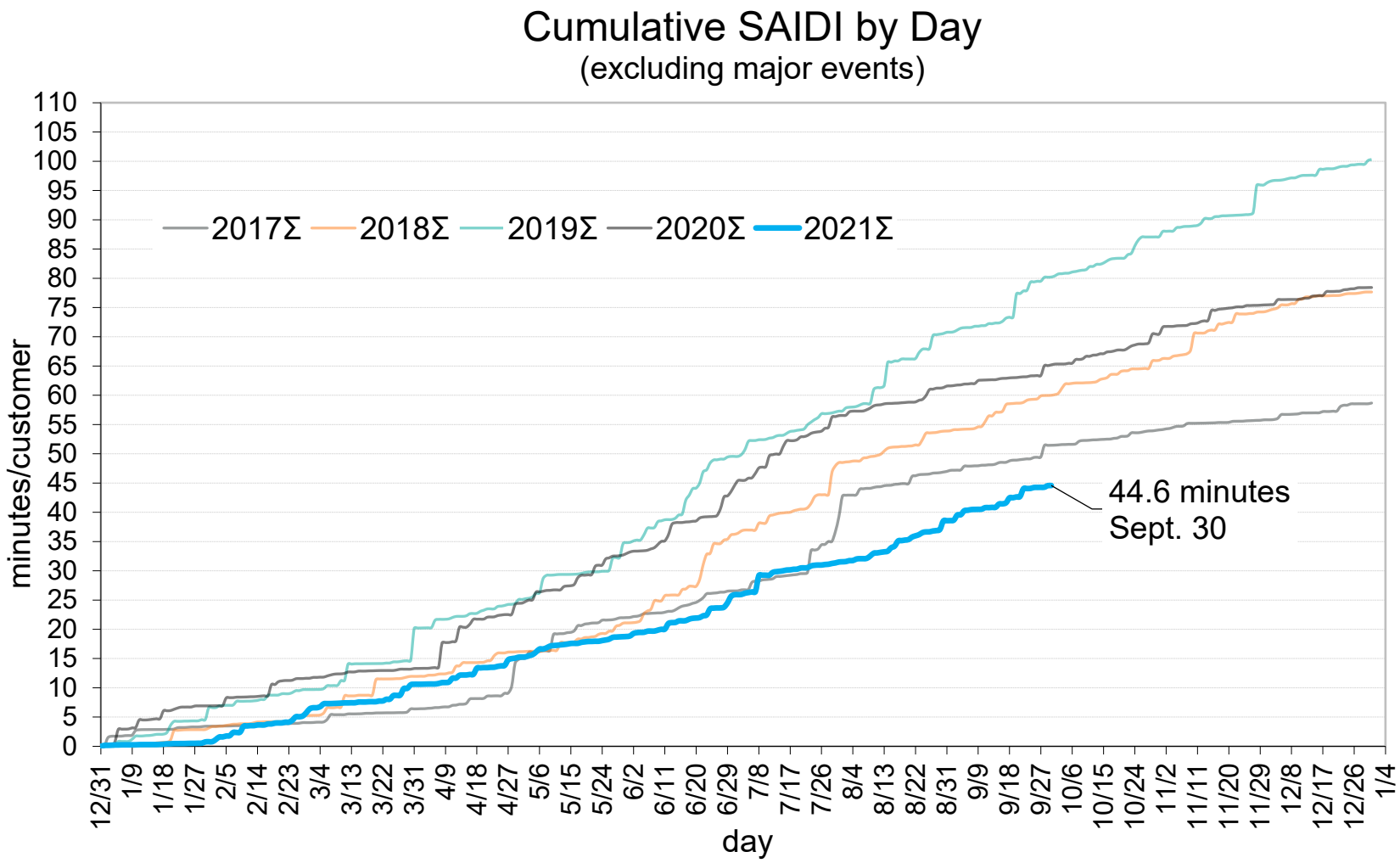
Distribution

- 5,034 Structures Replaced/Installed
- 175.4 Miles OH Conductor Installed
- 88.8 Miles UG Conductor Installed
- 2,184 Distribution XFMR Replaced/Installed
- 64 Distribution Circuit Rebuild and Looping Projects Completed

Transmission

- 1,574 Structures Replaced/Installed
- 69.1 Miles 69kV Rebuilt
- 105.5 Miles OPGW Installed
- 4 Transmission Looping Projects Completed

Commitment to Customer Reliability



2021 Reliability – Sept. 30

- SAIDI 44.6 minutes
- SAIFI 0.59 interruptions
- CAIDI 75.3 minutes

Notable Reliability Initiatives

- 10-year cycle wood pole inspection program
- Quarterly CEMI reports with remediation efforts
- Worst performing circuit program
- Performance based vegetation management
- Continue distribution automation program
- Started Electric TDSIC in 2017

Discussion Questions – Electric Winterization Activities

- The majority of CEI South generation equipment such as turbines, generators, flu gas desulfurization (FGD), compressors and other equipment sensitive to cold weather are contained inside buildings
- CEI South generation facilities have standing winterization work orders that are automatically issued in the fall to be completed prior to the winter season
  - See Appendix for a list of activities completed pursuant to the winterization work order activities
- Prior to an extreme cold weather event, plans are made to inspect critical equipment to ensure reliability
  - Operator rounds are altered to spend more time and attention monitoring equipment and processes that could be sensitive to extreme cold weather
- Ensure employees have adequate clothing and ice cleats so they can safely monitor equipment and properly address any issues before they become major problems

Discussion Questions – Fuel Assurance and Power Supply Hedging

- Prior planning for fuel is essential to maintaining reliability through extreme weather events:
  - CEI South's goal is to maintain adequate on-site coal inventory to operate its units for a minimum of 30 days
    - *CEI South, like other utilities, is managing through coal procurement logistics*
  - An adequate supply of natural gas is procured to operate burner igniters in the coal plants and to operate natural gas peaking units for up to 16 consecutive hours
- CEI South's three-part hedge strategy for electric generation for 2021 – 2022 winter is:
  - Pre-purchase firm delivered natural gas
  - Reserve pipeline capacity for the months of December – February and slightly less in March
  - Purchase one winter call option for up to ten strike days

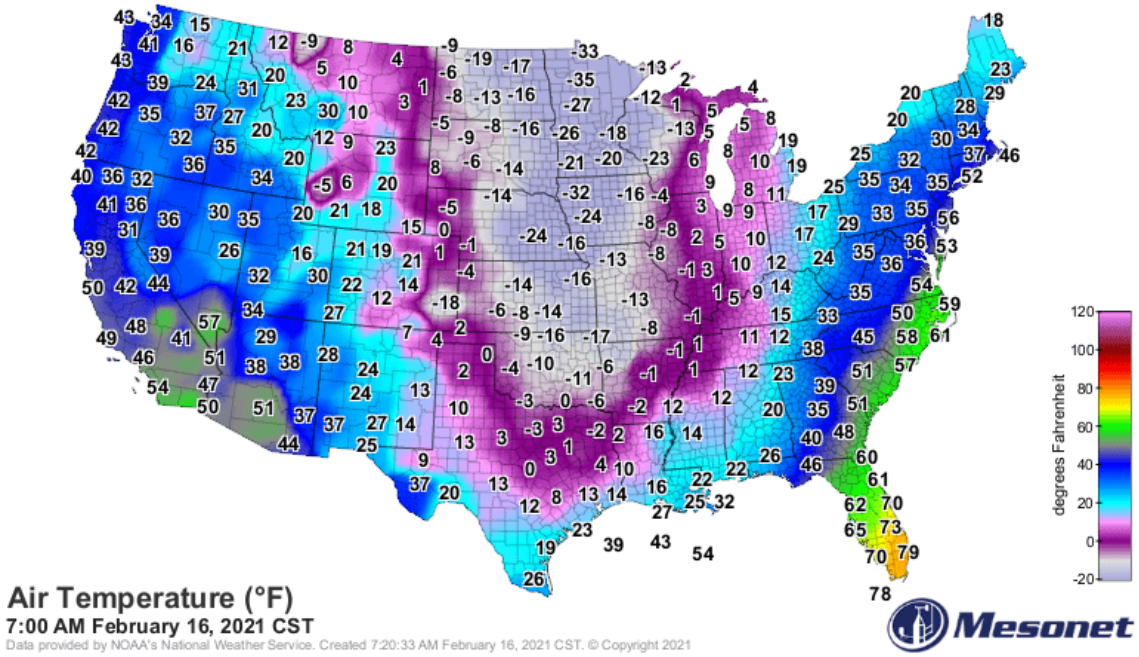
Electric Questions & Answers

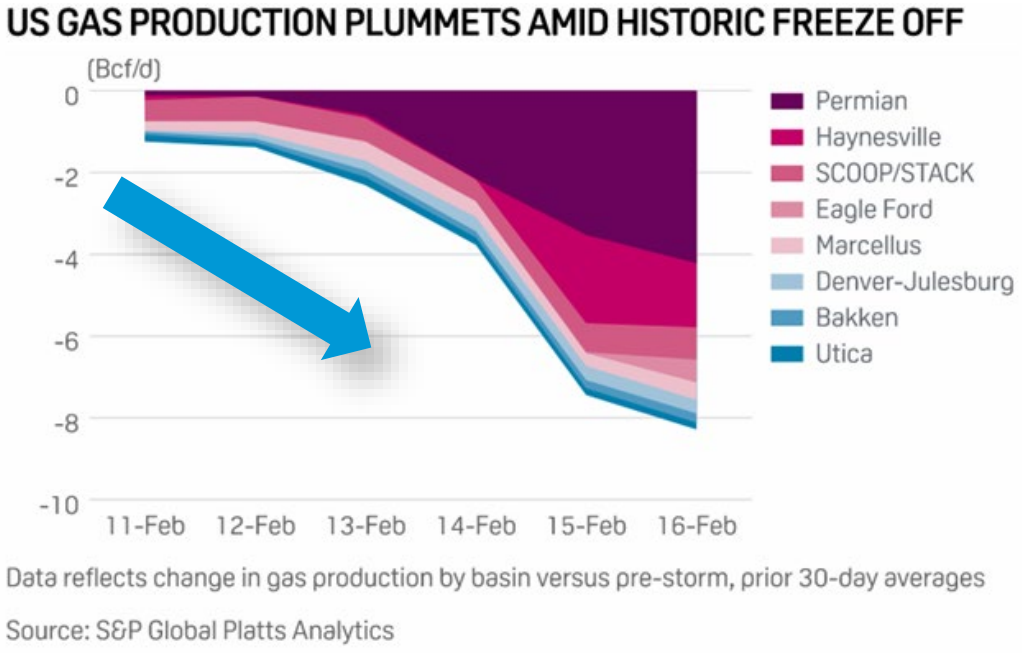
Appendix

Cold Weather Impact: Increased Demand & Reduced Supply

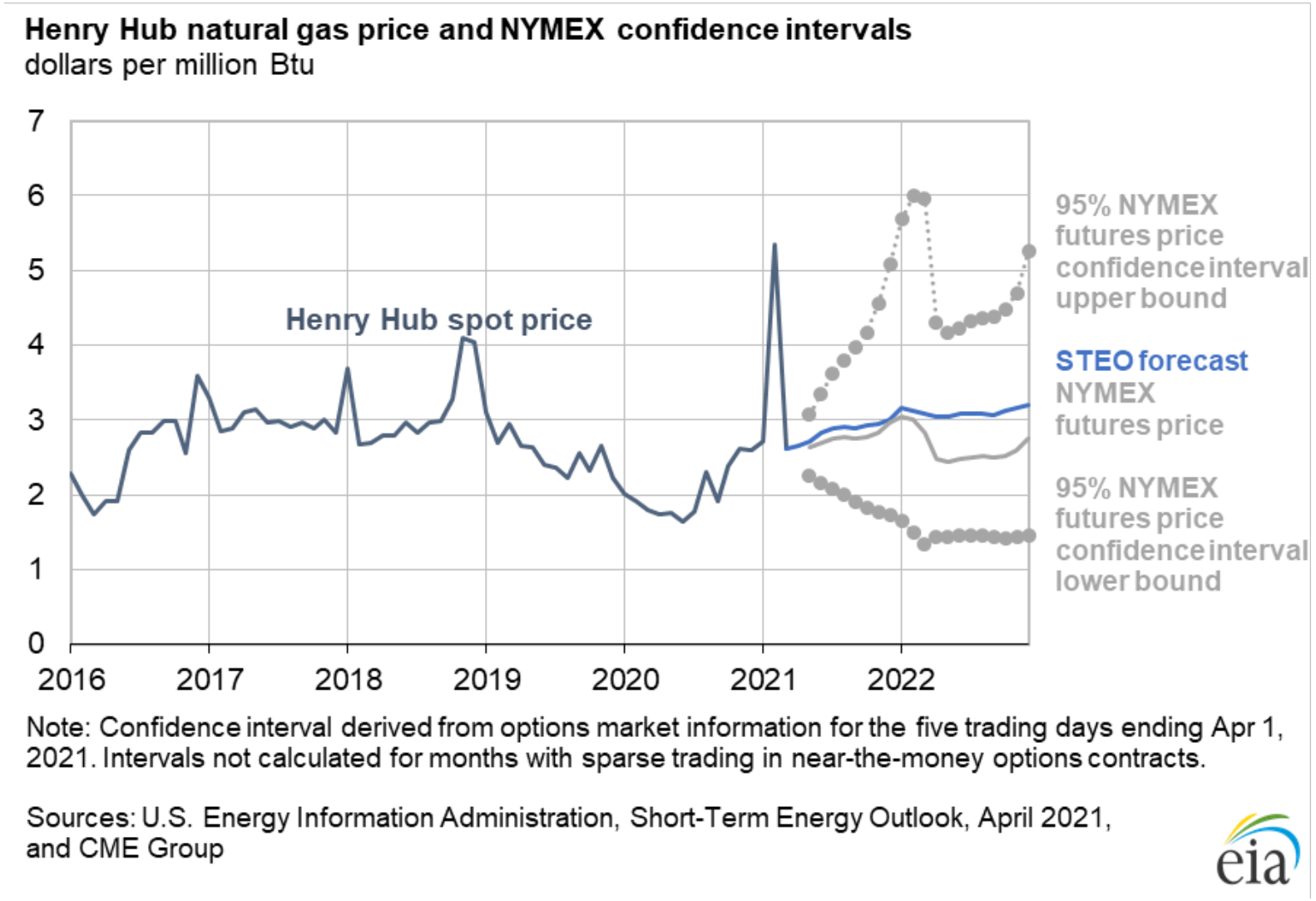
Unprecedented Combination

Widespread High Demand + Less Supply Due To “Freeze Off”





2021 Plan Market Price Forecast – April 2021

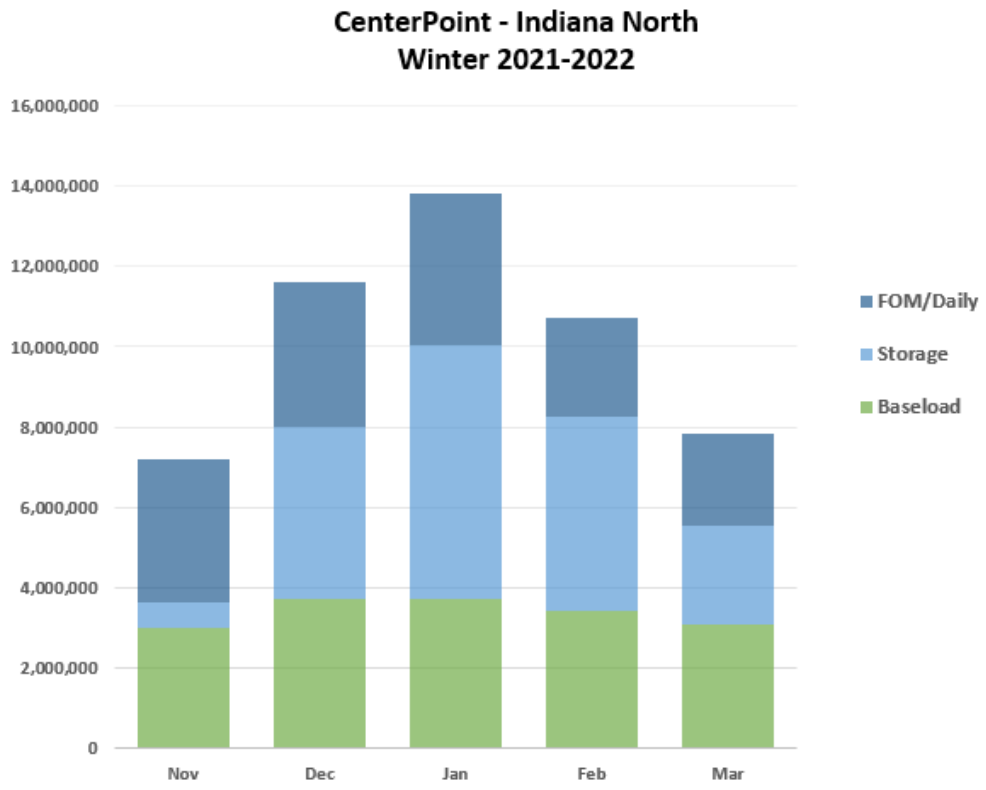


2021 Plan Pipeline Capacities (Dth/Day)

Pipe	Transportation	Storage	Withdrawal
Panhandle	91,541	7,752,480	83,334
ANR	75,000	4,443,675	59,000
REX	120,000	-	-
TGT	123,907	2,938,630	86,867
MGT	3,000	-	-
Tenaska Baseload	30,000	-	-
Tenaska Call Option	70,000	-	-

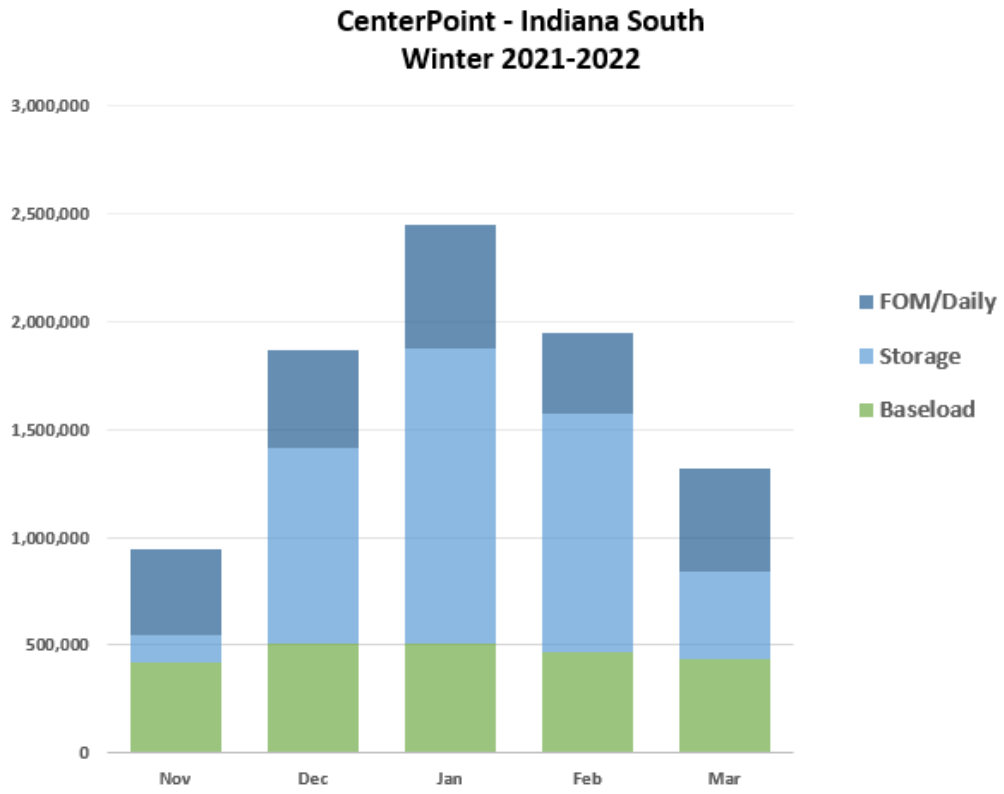
Note: The above capacity includes upstream capacity as well as deliverability to the citygates.

2021 Plan Overview of Supply Snapshot



	Nov	Dec	Jan	Feb	Mar	Totals	
FOM/Daily	3,560,292	3,617,127	3,748,947	2,439,382	2,285,185	15,650,933	31%
Storage	609,708	4,287,873	6,346,053	4,861,618	2,469,815	18,575,067	36%
Baseload	3,020,000	3,705,000	3,705,000	3,419,000	3,085,000	16,934,000	33%
Totals	**7,190,000**	**11,610,000**	**13,800,000**	**10,720,000**	**7,840,000**	**51,160,000**	**100%**

2021 Plan Overview of Supply Snapshot



	Nov	Dec	Jan	Feb	Mar	Totals	
FOM/Daily	399,274	453,566	577,796	376,834	473,928	2,281,399	27%
Storage	125,726	907,684	1,368,454	1,101,916	407,072	3,910,851	46%
Baseload	420,000	503,750	503,750	471,250	434,000	2,332,750	27%
Totals	**945,000**	**1,865,000**	**2,450,000**	**1,950,000**	**1,315,000**	**8,525,000**	**100%**

CEI South's Resources at Winter Peak & PRM Requirement

CEI South's Retail Winter Peak Demand & Requirements	
Peak Demand	**MW**
CenterPoint Energy Retail	819.0
Firm Wholesale Obligations	0
Demand Response	
Interruptible Load	-30.8
Total Demand	***788.2***
MISO PRM of 9.38%	**73.9**
Total Requirements	***862.1***

- **Supply exceeds CEI South's Winter Retail Peak Demand by 344.7 MW (44%)**
- **Winter Supply exceeds Total Requirements by 270.8 MW (31%)**

Supply		
Steam Generation		**UCAP MW**
	Brown 1	236.8
	Brown 2	227.5
	Culley 2	87.5
	Culley 3	259.4
	Warrick 4	129.1
	Total Steam	940.3
Peaking Generation		
	Brown 3	64.6
	Brown 4	66.7
	Total Peaking	131.3
Purchases		
	Firm	30.3
	Wind	6
	Total Purchase	36.3
Solar		
	Troy Solar	25
	Total Solar	25
Total MISO Accredited Capacity		***1,133***

Note: Blackfoot, Oak Hill, and Volkman Rd are not included in this listing since they are behind-the-meter (from a MISO and control area perspective) and is effectively a reduction to the load forecast.

Electric Winterization Activities

- Verify all permanent electric or steam heaters are in operation around critical instrumentation in remote locations.
- Verify operation or replace heat trace wiring on all instrument and process control lines to ensure any moisture in the lines does not freeze, provide false readings, or cause blockage that put units at risk.
- Ensure small propane heaters are available for employees to use to thaw out any instrument control lines that are showing signs of beginning to freeze.
- Cooling towers at Brown have an automatic de-icing program that cycles fans in reverse to melt any ice build-up on baffles to prevent a tower collapse. The water temperature setpoints are raised in extreme cold temps to help prevent icing as well.
- Some critical auxiliaries such as small cooling towers for soot-blowing compressors have a ‘winter mode’ of operation to prevent freezing as well.
- There is a winter shutdown procedure in case of a unit trip to get critical equipment drained to prevent damage in prep for restarting, bypassing the cooling towers as well.
- Ash systems are rotated between bottom ash and fly ash every two to three hours to prevent the ash pipes going to the ash pond from freezing up as these are above ground.

Electric Winterization Activities, continued

- The Scrubber belt filters are left on during temperatures below 32 degrees to prevent icing/mechanical issues.
- Placing additional insulation around windows and in buildings that contain equipment and processes that require water to operate. An example is the FGD buildings.
- Ensure portable heaters and plenty of fuel is available if needed to maintain adequate temperatures in any out-buildings
- The AB Brown plant has one combustion turbine that can be started and operated on fuel oil and used to black start other units at the Brown site to help bring the grid back if needed. This process is tested periodically.
- An adequate supply of chemicals to support environmental compliance is kept on-site and arrangements made for additional deliveries if needed.
- The coal mines spray the coal trains with a product to prevent the coal from clinging to the side of the rail cars before they are loaded when temps are below freezing.
- When the temperature drops below 32 degrees employees turn on all coal belts and leave them running all the time to ensure we can run coal.