



July 23, 2024

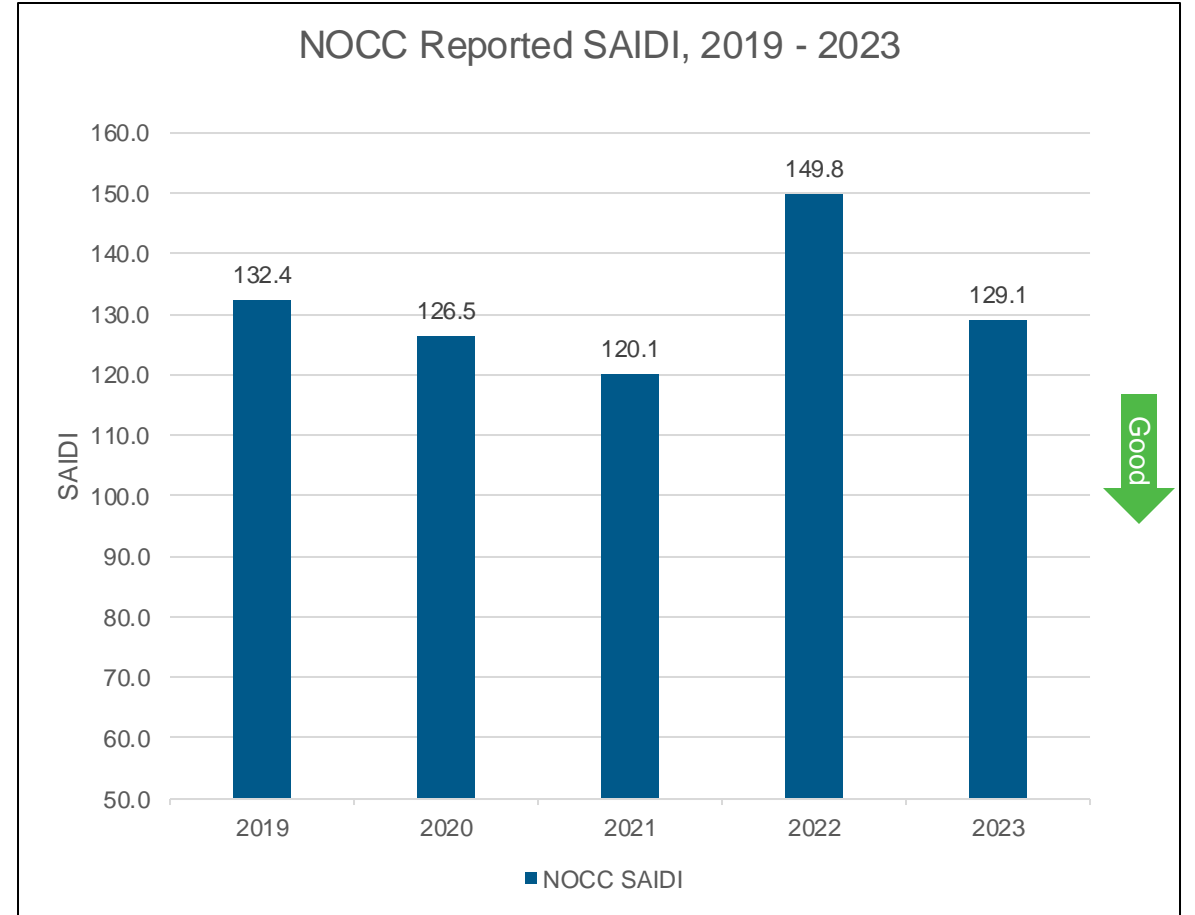
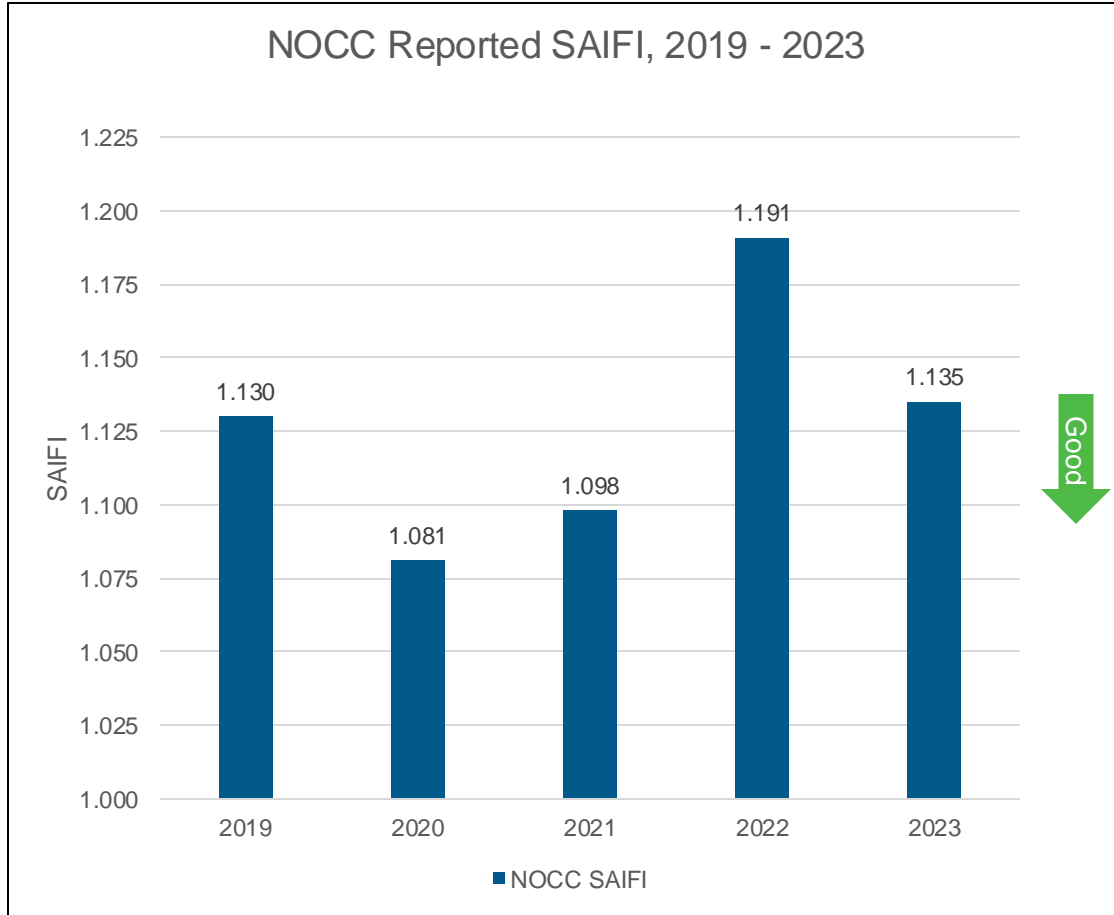
# **ENO Reliability YTD through July 5, 2024**



**01**

**Historical  
reliability**

# Historical performance: ENO



NOTE: 2019-2023 SAIFI and SAIDI are based upon the Distribution outages as reported to the New Orleans City Council (NOCC).

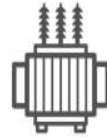
# End of the year: 2023

Entergy New Orleans experienced an overall 12% improvement in combined Distribution and Transmission SAIFI and an 18% improvement in SAIDI in 2023 compared to the previous year.

DISTRIBUTION				
	CI	SAIFI	CM	SAIDI
2022	252,604	1.19	31,776,695	149.8
2023	241,304	1.14	27,439,641	129.1
	5% improvement in SAIFI		14% improvement in SAIDI	

TRANSMISSION				
	CI	SAIFI	CM	SAIDI
2022	51,355	0.24	4,729,407	22.3
2023	26,550	0.12	2,411,962	11.3
	48% improvement in SAIFI		49% improvement in SAIDI	

## A look back at 2023



743 transformers replaced



742 vegetation miles trimmed  
\$456k reactive programs



42 automation devices installed

## City-Wide Performance

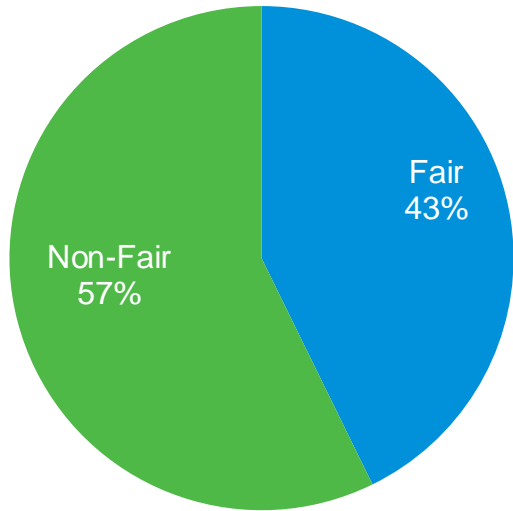
	Projects	Cost 19-23 YE	Customers	Improvement
Total	96	\$68,847,772	211,530	12% reduction in CIs in 2023 compared to the previous year

**02**

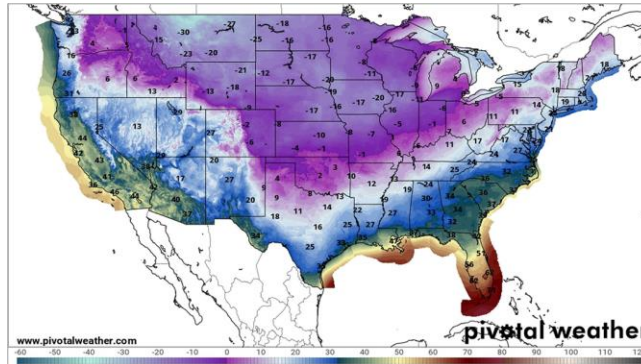
**Reliability YTD  
through July 5, 2024**

# Weather impacts

Total Customer Interruptions by Weather Condition



“Non-Fair” weather conditions include Thunderstorm, High Wind, Rain, and Extreme Cold/Heat

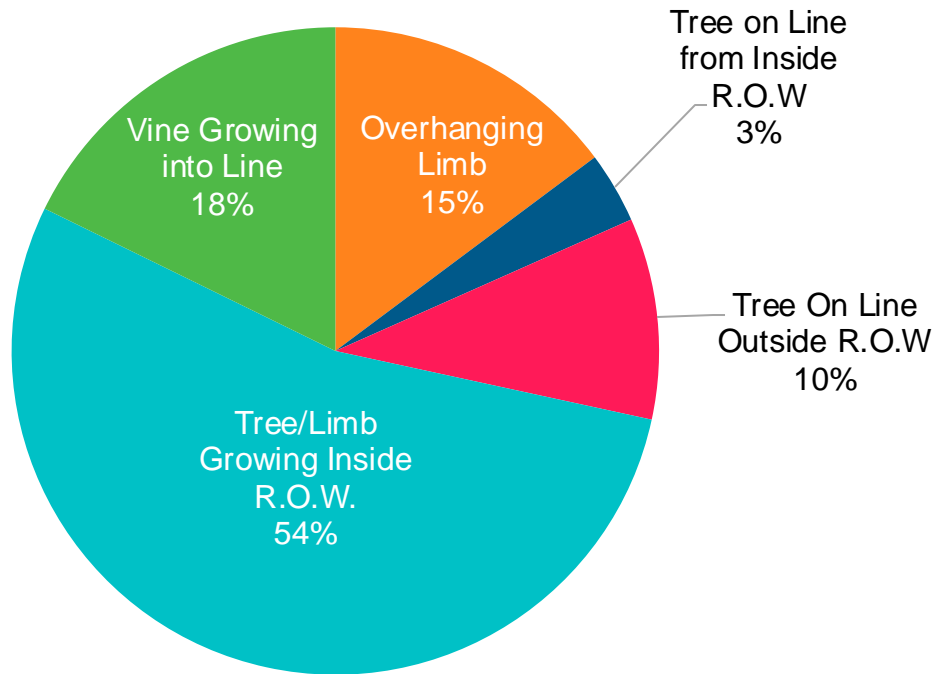


Lightning Strikes: Comparison of Sample Substations January through June 2023 vs 2024

Substation	2023	2024	Increase From 2023	Substation Location	Substation District Impact
Almonaster	3,417	4,638	36%	D	A, C, D, E
Avenue C	1,846	2,793	51%	A	A, D
Lower Coast	3,620	10,137	180%	C	C
Market	1,041	2,877	176%	B	B, C
Napoleon	1,782	4,096	130%	B	A, B
Southport	1,278	2,414	89%	Metairie (not ENO)	A
Tricou	2,079	3,426	65%	E	C, D, E
<b>All Substations impacting ENO</b>	<b>55,533</b>	<b>78,065</b>	<b>41%</b>		

# Vegetation Impacts

Number of Vegetation Outages by Cause



## Specifications for Pruning & Maintenance of City Trees for Overhead Utility Lines – ENTERGY

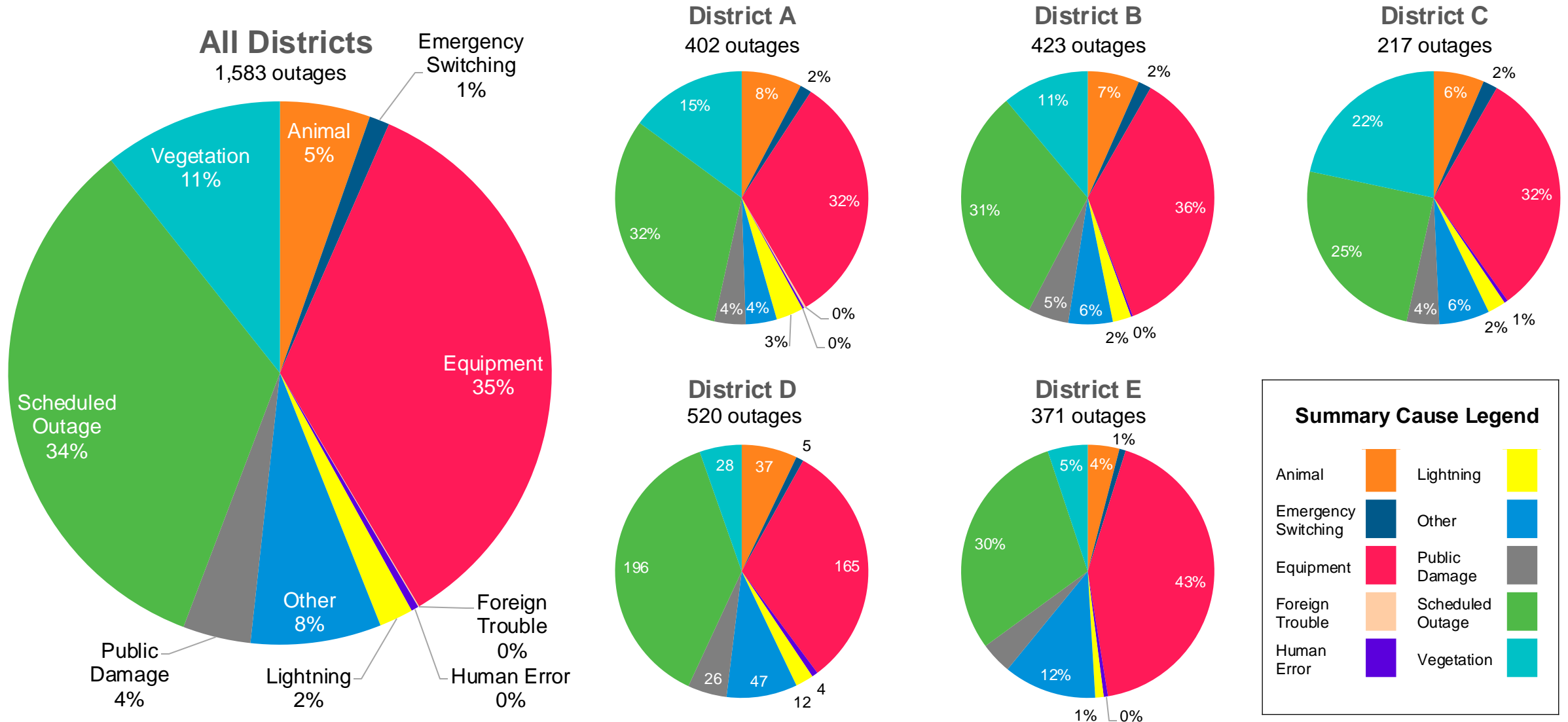
**Scope:** The work included under these specifications shall be for the pruning or trimming of all City owned trees to allow for a 4-foot clearance from all overhead utility lines, such pruning or trimming shall follow good standard arboricultural practices.

All work shall be done according to the rules of arboricultural practices as set forth in the publication "Standards for Pruning for Shade Trees" (published by the National Arborist Association, Inc., 3527 Stratford Road, Wantagh, New York 11793) and Safety Requirements for Tree Pruning, Trimming, Repairing, or Removal (ANSI-Z133 published by American National Standards Institute, Inc., 1430 Broadway, New York, New York 10018).

- 8-foot clearance in other parishes
- Not allowed to remove overhang
- No secondary trim unless there is an outage
- 50% of Customer Interruptions & 75% of Customer Minutes are attributed to Clearance Zone



# Number of YTD Outages by Summary Cause



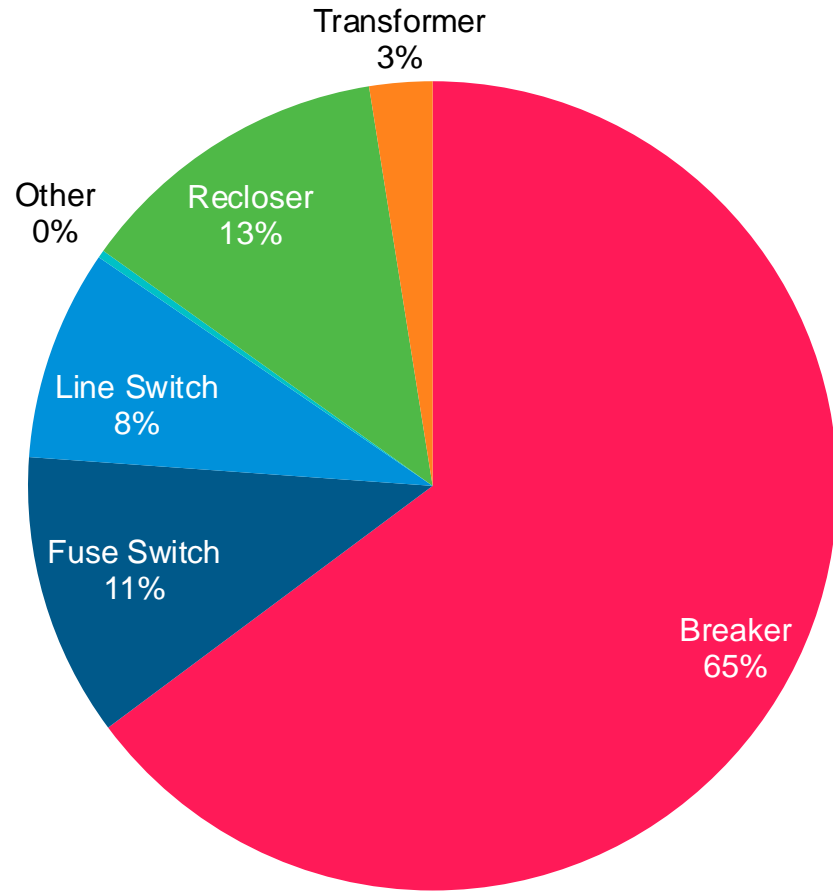
*This information is based on preliminary data and is subject to change during the outage-review process.*

*The charts present data for feeders that serve each district (in whole or in part), so some included outages may not have affected customers in the reported district and some outages may be reported in multiple districts.*



# Equipment Related Outages

Equipment Related Customer Interruptions  
By Device Type



**02**

**Mitigation  
strategies**

# Power Delivery mitigation strategies



**Thank You!**

# Appendix



entergy

Restricted Use Legend and Disclaimer: The distribution of this material is limited to members of the [Board of Directors, Office of the Chief Executive, Entergy management, Corporate Risk Committee] and their designees. The information included herein is prepared solely for internal use. It may include information based on assumptions and hypothetical scenarios not representative of current business plans. These hypothetical scenarios do not represent any or all current or future Entergy business plans but are merely estimates, projections, and discussion points. As a result, actual outcomes may differ. This information may also include commercially sensitive proprietary information, legal advice from counsel, and/or other confidential non-public information not appropriate for general distribution.