

Overview

Quick facts about Entergy Arkansas

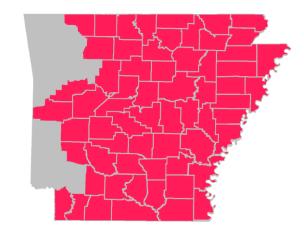
110 years of service 736,000+

electric customers

63

counties served (58% in

Disadvantaged Communities)



Fully Integrated

Generation Transmission Distribution ~4,900 megawatts

of power generation capacity

502 lb CO₂/MWh

Average delivered power CO₂ emission rate in 2022

4,000 MW

~3,500

Entergy

employees in

Arkansas

of renewable generation by 2030 including 2,000 MW under construction or in acquisition

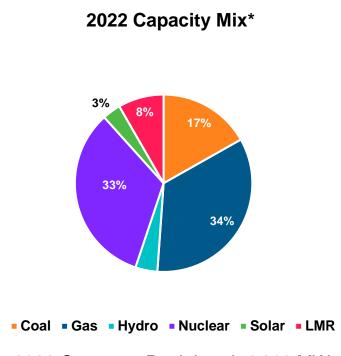
Dow Jones
Sustainability Index

21st Consecutive Year 1 of 4 Electric Utilities **Carbon Reduction**

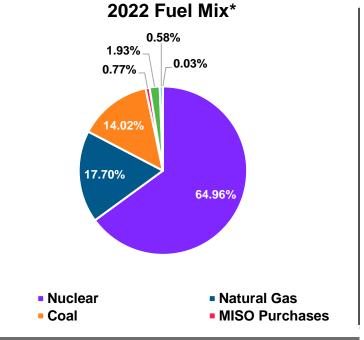
50% Reduction by 2030 Net-Zero by 2050



Entergy Arkansas capacity and fuel mix







Solar % excludes green offering subscription of ~0.07% solar

Transmission Mileage: 4,967 Distribution Mileage: 39,100

2022 Customer Peak Load: 4,369 MW 2022 Customer Energy Requirements: 23,734 GHW



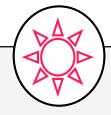
Entergy Arkansas – Hydro and Thermal Generation

Site	Unit	Fuel	Capability¹ (MW)	Commercial Operation Year
Remmel Dam	1	Hydro	11	1925
Carpenter Dam	1	Hydro	62	1932
Lake Catherine	4	Gas – Steam	522	1970
Arkansas Nuclear One	1	Nuclear	836	1974
Arkansas Nuclear One	2	Nuclear	988	1980
White Bluff	1	Coal	465 / 815	1980
White Bluff	2	Coal	482 / 844	1981
Independence	1	Coal	263 / 835	1983
Grand Gulf Nuclear Station	1	Nuclear	516 / 1433	1985
Hot Spring Energy Facility	1	Gas – CCGT	600	2002
Ouachita	1	Gas – CCGT	242	2002
Ouachita	2	Gas – CCGT	244	2002
Union Power Station	2	Gas – CCGT	498	2003



Entergy Arkansas – Solar Generation

Entergy Arkansas continues to develop a portfolio of renewable resources that complements existing generation and capabilities while maintaining affordable customer rates and providing benefits to our stakeholders.

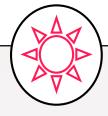


In Operation

Stuttgart - 2018 81 MW PPA Arkansas County, AR

Chicot - 2020 100 MW PPA Chicot County, AR

Searcy - 2022 100 MW Owned (+ 10 MW Battery) White County, AR

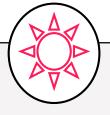


Under Construction

Driver (2024) 250 MW Owned Mississippi County, AR

West Memphis (2024) 180 MW Owned Crittenden County, AR

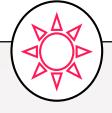
Walnut Bend (2024) 100 MW Owned Lee County, AR



Approved

Flat Fork (2025) 200 MW PPA St. Francis/Lee Counties, AR

Forgeview (2025) 200 MW PPA Mississippi County, AR



Request for Proposals

2022 Request for Proposals closed in Q1 2023

Targeted 1,000 MW renewable capacity



Existing Entergy Arkansas programs

Open Green Tariffs

Green Promise

- Customers can subscribe to environmental attributes from solar facilities to meet renewable objectives
- Available to all customers (commercial, residential, low income)
- Charges monthly subscription and provides monthly credit based on output of included portfolio
 - Offsets up to 90% of customer energy usage Included Solar Portfolio Designed to Expand
- Escalating bill credits: 2% annually for 5 years, 1% thereafter

Go ZERO

- 3 Options available to customers:

 - Asset-backed RECs (new renewables)
 Alternative Energy Credits (existing nuclear and hydro)
 - 3. 24-7 Time Match Reporting (most advanced Scope 2 emissions reporting)





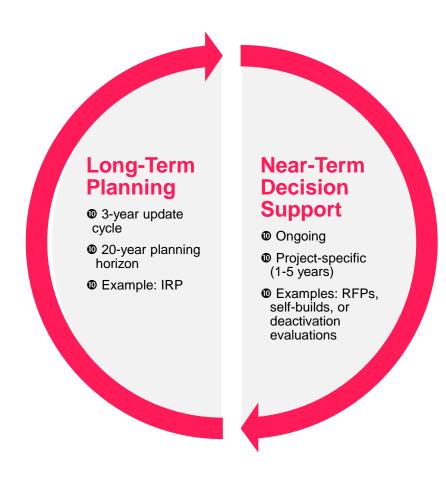
Integrated Resource Plan Overview

Integrated Resource Planning Overview

Entergy Arkansas' IRP guides long-term generation decisions

Entergy Arkansas updates its IRP on a three-year cycle, consistent with Section 6.1 of Attachment 1 to the Arkansas Public Service Commission Order No. 6 in Docket No. 06-028-R, "Resource Planning Guidelines for Electric Utilities." Entergy Arkansas has begun development of its next IRP, which is estimated to be filed with the Commission in Q3/Q4 2024.

- Entergy Arkansas' IRP helps guide the necessary steps the company takes to continue to enhance reliability, affordability, and environmental stewardship for its customers. This approach also provides the flexibility Entergy Arkansas requires to respond and adapt to changing customer needs and expectations.
- Near-term decisions around new generation or deactivation of existing generation are project-specific and are handled on a case-by-case basis.
- The IRP encompasses longer-term trends that inform long-term planning decisions regarding Entergy Arkansas' generation portfolio.





Key resource planning objectives

The resource planning process is based on a set of principles designed to reliably meet customer power needs considering reasonable cost while reducing emissions, improving reliability and resiliency, and mitigating customer risk exposure. While the landscape within the electric utility industry is changing, these principles remain the consistent factors underpinning Entergy Arkansas' long-term planning strategy.





Integrated Resource Planning process

Each component of the IRP process is critical to create an informative and effective IRP:

An Integrated Resource Plan is a planning process and framework in which the costs and benefits of supply-side and demandside alternatives are evaluated to develop resource portfolio options that help meet Entergy Arkansas' planning objectives. Results of the IRP are not intended as static plans or pre-determined schedules for resource additions and deactivations.



Planning and design

Building future scenarios, assumptions, and ranges of risk factors.



Stakeholder engagement

Sharing information, receiving feedback, and facilitating Stakeholder Group.



Modeling and analysis

Market modeling, Entergy Arkansas' portfolio optimization, production cost projections.



Conclusions and action plan

Identifying themes and opportunities, establishing a mid-term, actionable plan.



Publishing and filing the report

Organizing information, displaying results, and communicating Entergy Arkansas' story.



Entergy Arkansas

We have been part of the state for more than 100 years—and we're planning for the next 100.

- Strengthen and protect Arkansas' communities—now, and for the long term.
- Invest in cost-effective long-term solutions, not short-term trends.
- Make sure everyone gets to enjoy the benefits of renewable energy.
- Maintain price stability for our customers while moving to a cleaner energy mix.
- Promote economic development and job creation thru maintaining our low rates.

