



# Entergy Commits to Net-Zero Carbon Emissions

Building on our longtime legacy of environmental stewardship, we are enhancing our climate action strategy with a longer-term commitment: Entergy will work over the next three decades to reduce carbon emissions from our operations to net-zero by 2050. We intend to accomplish this by working with our regulators and other stakeholders to balance reliability, affordability and sustainability.

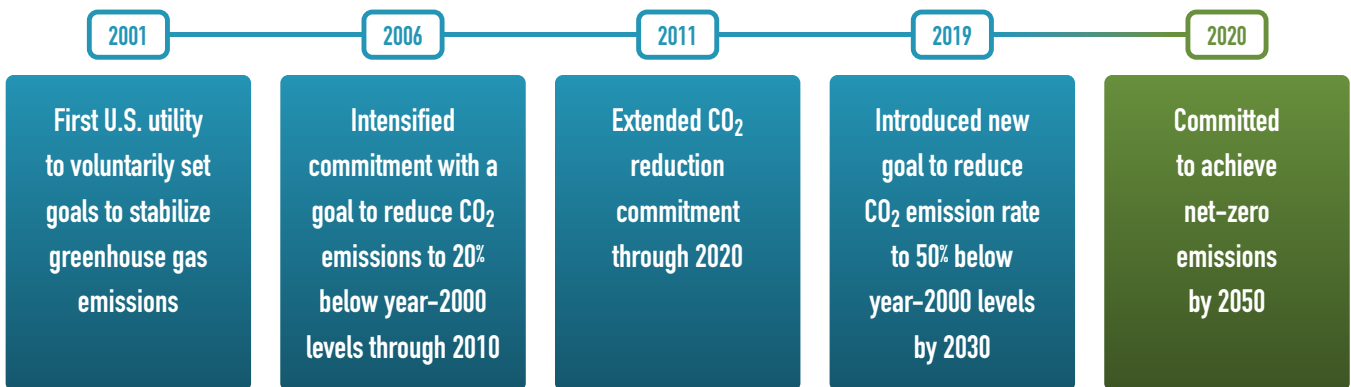
## Entergy has been an industry leader in voluntary climate action for two decades.

In 2001, we were the first U.S. utility to limit our carbon dioxide emissions voluntarily. After beating our target by more than 20%, we renewed and strengthened this commitment twice.

Today, we are outperforming by 8% our current commitment to maintain carbon emissions from Entergy-owned power plants and controllable power purchases through 2020 at 20% below year 2000 levels. Last year, we announced a goal to emit half the carbon emissions per megawatt hour in 2030 than emitted in 2000.

Entergy operates one of the cleanest large-scale power generating fleets in the United States.

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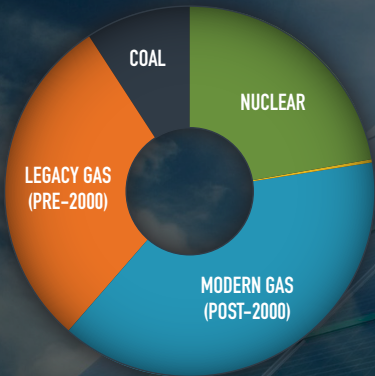


## Entergy is taking action now toward a carbon-free future.

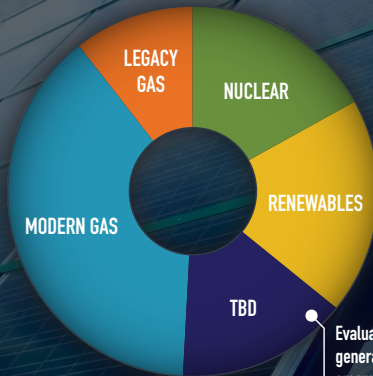
We expect to achieve this net-zero 2050 commitment by:

- Enhancing our transformation strategy with emerging technology options.
- Working with customers, key suppliers and partners to advance new technologies necessary to reduce emissions.
- Continuing to engage with partners and gain experience on enhancing natural systems like forests and wetlands that absorb carbon.
- Partnering with customers to electrify other sectors like transportation and industry for net emission reductions and community benefits.



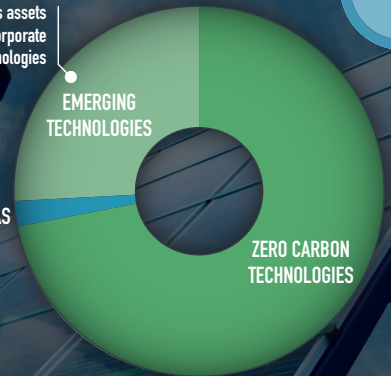


2020 Owned Generation Capacity



2030 Potential <sup>1, 2</sup> Illustrative

Evaluating conventional generation, storage and emerging technologies



2050 Potential <sup>1, 2</sup> Illustrative

Includes modern gas assets retrofitted to incorporate emerging technologies

1- Subject to integrated resource planning processes, economic evaluations and regulatory approvals. 2- Potential 2030 and Potential 2050 portfolios assume technology advancements and/or declining costs of carbon-free technologies in order to balance environmental stewardship with affordability and reliability; offsets utilized for remaining emissions.

## Entergy's Path to Net-Zero

Strategic actions we are taking today and will continue:

- Retiring all coal-powered plants.
- Replacing older, less efficient gas units with modern, efficient ones.
- Adding renewable energy resources and storage.
- Investing in our nuclear units.
- Enhancing energy efficiency and demand side management offerings.
- Exploring distributed generation opportunities.
- Investing in natural offsets.



Some opportunities and technological advances include:

- Exploring alternative fuels, like renewable natural gas and hydrogen.
- Partnering on the advancement of hydrogen infrastructure.
- Supplementing modern gas assets with carbon capture and sequestration technologies.
- Exploring supplemental license renewal of existing nuclear units.
- Incorporating advanced nuclear.
- Monitoring technology developments and potentially integrating as they are developed.

Learn more about Entergy's commitment to customers and environmental stewardship at [entergy.com/environment](https://www.entergy.com/environment).



**Forward-Looking Information:** Entergy's statements concerning its environmental plans, goals, beliefs and expectations, including statements regarding its greenhouse gas reduction goals, strategies and actions it may take to achieve such goals, statements regarding potential technological advances, and other statements of Entergy's plans, beliefs, or expectations included in this presentation are "forward-looking statements" which apply only as of the dates indicated. Forward-looking statements are subject to a number of risks, uncertainties and other factors that could cause actual results to differ materially from those expressed or implied in such forward-looking statements, including, among other things, uncertainties associated with regulatory proceedings and other cost recovery mechanisms, operation and relicensing of nuclear facilities, major storms and other catastrophic events, risks associated with executing on our business strategies, effects of changes in laws, regulations or policies, the effects of technological change, including the costs, pace of development and commercialization of new and emerging technologies, uncertainties and other factors discussed in Entergy's most recent Annual Report on Form 10-K and subsequent reports and filings made under the Securities Exchange Act of 1934. ©2021 Entergy Services, LLC. All Rights Reserved.

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