SPACEX

SpaceXAI in Memphis

Investing in Memphis

SpaceX has invested more than $30 billion in Memphis and is now proudly among its largest taxpayers.

- Millions of tax dollars are flowing into schools, services, and the growth Memphis needs.
- We have partnered with local schools directly to improve their facilities, and we will keep doing so.

Protecting Household Electrical Rates

SpaceXAI generates power "behind the meter" so we do not push our load onto Memphis families.

- As a signatory to the Ratepayer Protection Pledge, SpaceXAI has taken steps to keep residential bills from rising because of our operations, **including support for special, higher electrical rates for data centers.**
- We are spending hundreds of millions of dollars to strengthen the local electrical grid's resilience.
- In Southaven, permanent generation is being built at a brownfield site that was previously a natural gas-fired power plant, in an industrial zone, not in a residential neighborhood.

Protecting the Memphis Aquifer

Memphians have wanted a large-scale water recycling plant for nearly a decade: SpaceXAI is building it.

- The Clean Water Recycling Plant at our Memphis data center will have roughly **ten times** the recycling capacity SpaceXAI uses today—protecting the aquifer well beyond our own needs, for decades to come.
- Construction is already underway on water tanks, foundations, and pilings. Additional major work will continue in the months ahead, but no later than January 2027.
- At Colossus 2, we already use closed-loop systems to keep water use as low.

Air Quality and Community Health

Community health is not optional. SpaceXAI operates under EPA's health-protective National Ambient Air Quality Standards (NAAQS), and the Memphis–Southaven region continues to meet those standards.

- **Every unit is controlled**. Every temporary unit has emissions controls. Some use selective catalytic reduction (SCR), which converts nitrogen oxides to nitrogen and water; others use demineralized-water injection. These controls meet or exceed EPA's New Source Performance Standards.
- Local monitors are holding steady. Independent expert analysis has found that local monitors have not shown increases in nitrogen dioxide (NO_2), fine particulate matter, or ozone since temporary units began operating on August 1, 2025.

Operating with Local Permits

We operate with written authorization from the agencies charged with protecting this community. Compliant temporary power was a lawful bridge to permanent generation.

- **All temporary turbines in Tennessee have been removed** or converted to permanent turbines under a permit issued by the Shelby County Health Department.
- In Mississippi, SpaceXAI entered an Agreed Order with MDEQ setting a firm removal schedule for all remaining temporary turbines; those will be removed in stages as the permanent plant comes on, with none remaining past July 2027.
- The permanent electrical plant, generating about 1.2 gigawatts, received its Prevention of Significant Deterioration permit from Mississippi on March 11, 2026, after about seven months of review. That permit imposes **the most stringent emission limits applicable** to this power source.