

# A DATA CENTER INHERITS THE IMPACT OF ITS POWER PLANT

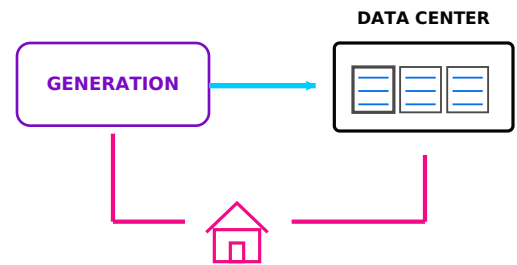
## xAI and MZX Tech | Memphis and Southaven expansion

Tennessee and Mississippi, United States

### LITIGATION AND POWER TRANSITION

#### Temporary turbine retirements run through July 2027

Fast computing deployment brought a second industrial footprint: the generation needed to run it. Neighbors experienced the combined project.



SHARED LOCAL IMPACT

ANALYTICAL DIAGRAM

### WHAT HAPPENED

A September 23 resident lawsuit alleges nuisance from noise, vibration and particulates; those claims remain unproven. A July 30 Mississippi agreed order schedules retirement of 69 temporary turbines through July 2027 and requires emissions testing and reporting. It is not a campus shutdown. The state agreement says the turbines did not violate Mississippi permitting requirements; federal legality remains disputed. Sound barriers and permanent generation are part of the response. [1-3]

### EARLIER MOVES WORTH TESTING

- Stage computing capacity to a power supply whose local impacts have been assessed and controlled. Include temporary generation in the project decision.
- Model the full operating fleet at nearby homes, including cumulative noise and vibration. Install and test controls before startup.
- Publish monitoring results, operating limits and the transition schedule. Give residents a clear route to report impacts and see what changed.

### THE BUSINESS LESSON

Temporary equipment creates real exposure while it operates. The commercial schedule needs to account for the community effects of both the data center and its power supply.

Earlier moves are our assessment of plausible risk reduction, not proof they would have changed the outcome.

### SOURCES

- 1 [Carter v xAI | Complaint, 23 Sep 2026](#)
- 2 [Mississippi DEQ | Agreed order](#)
- 3 [Mississippi Today | 31 Jul 2026](#)