



Oracle Data Centre in Michigan Secures £16 Billion Investment

Description

The Saline Township campus in Michigan, about 50 miles from Detroit, is set to be a significant data center. It will have a capacity of over 1 gigawatt, far more than the typical data centers, which usually range from 100 to 300 megawatts. The developer, Related Digital, has secured \$16 billion to build the centre, with assistance from investment firms Blackstone and PIMCO. This project will cover 250 acres, making it one of the largest data centres in the United States. Michigan Governor Gretchen Whitmer called it the "largest investment in Michigan history."

The Saline data center will support Oracle's AI operations, which are expected to generate about \$90 billion in revenue by 2027. This project is part of a larger initiative called the Stargate project, valued at \$500 billion, aimed at enhancing AI infrastructure in the US.

However, local residents are concerned about the impact of the data center. Protesters in Saline expressed worries regarding its effects on the electric grid and potential pollution in the area. One resident, Tammie Bruneau, stated she would prefer if the project did not take place.

While companies like OpenAI claim new data centers will revive the US economy and create jobs, locals fear they may harm their quality of life. In response to these concerns, tech leaders promised to bear more energy costs and mentioned using a closed-loop cooling system to protect local water sources, yet many residents still have doubts.

Vocabulary List:

1. **capacity** //kə'pæsəti// (noun): maximum amount something can hold or do
2. **secured** //sə'kjʊəd// (verb): got something, especially by effort or agreement
3. **initiative** //ɪ'nɪʃətɪv// (noun): a new plan or action to solve a problem
4. **infrastructure** //ˈɪnfəˌstrʌktʃə// (noun): the basic systems and services a country needs
5. **pollution** //pə'ljuʃən// (noun): harmful waste or chemicals in the environment
6. **revenue** //ˈrevənuː// (noun): money a company or government receives

Comprehension Questions



Multiple Choice

1. How far is the Saline Township campus from Detroit?
Option: 25 miles
Option: 50 miles
Option: 75 miles
Option: 100 miles
2. What is the capacity of the Saline data center?
Option: 300 megawatts
Option: 500 megawatts
Option: 1 gigawatt
Option: 2 gigawatts
3. Who is the developer of the Saline data center?
Option: Blackstone
Option: PIMCO
Option: Related Digital
Option: Oracle
4. What is the total value of the Stargate project?
Option: \$16 billion
Option: \$90 billion
Option: \$500 billion
Option: \$1 trillion
5. What did Michigan Governor Gretchen Whitmer call the Saline data center?
Option: A local initiative
Option: An environmental threat
Option: The largest investment in Michigan history
Option: A tech revolution
6. What year is Oracle's AI operations expected to generate about \$90 billion in revenue?
Option: 2025
Option: 2026
Option: 2027
Option: 2028



True-False

7. The Saline data center will cover 100 acres.
8. The capacity of typical data centers ranges from 100 to 300 megawatts.
9. Local residents unanimously support the Saline data center project.
10. Tammie Bruneau is a proponent of the Saline data center.
11. The tech leaders promised to alleviate concerns about energy costs.
12. Stargate project aims to diminish AI infrastructure in the US.

Gap-Fill

13. The Saline data center will have a capacity of over 1 gigawatt, far more than the typical data centers, which usually range from 100 to _____ megawatts.
14. The Saline Township campus is set to be one of the largest data centres in the _____ States.
15. Michigan Governor Gretchen Whitmer called it the largest investment in _____ history.
16. By 2027, Oracle's AI operations are expected to generate about _____ billion in revenue.
17. The Stargate project is valued at _____ billion.
18. Many residents still have _____ despite tech leaders' promises.

Answer

Multiple Choice: 1. 50 miles 2. 1 gigawatt 3. Related Digital 4. \$500 billion 5. The largest investment in Michigan history



6. 2027

True-False: 7. False 8. True 9. False 10. False 11. True 12. False

Gap-Fill: 13. 300 14. United 15. Michigan 16. 90 17. 500 18. doubts

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Date Created

2026/04/26

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