



Elon Musk Acquires \$1 Billion Gas Turbine Firm for AI

Description

Elon Musk is known for his work with clean energy. He is the head of Tesla and SpaceX. Tesla makes electric cars, which help reduce harmful emissions. In 2016, Tesla bought a solar company called SolarCity. They created solar roofs that use sunlight to generate power.

Now, Musk is investing over a billion dollars in fossil fuels, which are energy sources like natural gas. This investment is for SpaceX. SpaceX needs power for its data center in Tennessee. The center will use natural gas for energy for now.

SpaceX is buying APR Energy, a company that makes small gas turbines. These turbines can be moved and set up quickly. They help provide energy without needing long permits. However, some groups are unhappy and have sued SpaceX, saying these units should follow the same rules as regular energy plants.

Despite the lawsuit, the U.S. government supports SpaceX's mobile units. They argue shutting them down would hurt national security. SpaceX's future plans involve balancing gas power with local electricity supplies.

Comprehension Questions

Multiple Choice

1. What is Elon Musk known for?

- Option: Automobile manufacturing
- Option: Clean energy
- Option: Space travel
- Option: All of the above

2. Which company did Tesla buy in 2016?

- Option: SolarCity
- Option: APR Energy
- Option: Solar Power
- Option: Electric City

3. What type of cars does Tesla manufacture?



- Option: Hybrid cars
- Option: Gasoline cars
- Option: Electric cars
- Option: Diesel cars

4. What energy source is SpaceX currently investing in?

- Option: Solar energy
- Option: Wind energy
- Option: Fossil fuels
- Option: Hydroelectric energy

5. What type of turbines is SpaceX buying?

- Option: Wind turbines
- Option: Gas turbines
- Option: Solar turbines
- Option: Nuclear turbines

6. Why are some groups unhappy with SpaceX's mobile units?

- Option: They are too expensive
- Option: They shouldn't be exempt from regulations
- Option: They are not efficient
- Option: They do not produce enough energy

True-False

7. Elon Musk is the head of both Tesla and SpaceX.

8. Tesla is known for making gasoline cars.

9. SpaceX is completely powered by renewable energy sources.

10. The U.S. government supports SpaceX's mobile units.

11. APR Energy manufactures large gas turbines.

12. SolarCity was created in 2016.



Gap-Fill

13. Tesla makes electric cars, which help reduce harmful emissions and provide _____ energy.
14. SpaceX needs power for its data center in _____ Tennessee.
15. In 2016, Tesla bought a solar company called _____ .
16. Some groups are unhappy with SpaceX's mobile units and have _____ them.
17. SpaceX's future plans involve balancing gas power with local electricity _____ .
18. The mobile units help provide energy without needing long _____ .

Answer

Multiple Choice: 1. All of the above 2. SolarCity 3. Electric cars 4. Fossil fuels 5. Gas turbines 6. They shouldn't be exempt from regulations

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

Gap-Fill: 13. clean 14. Tennessee 15. SolarCity 16. sued 17. supplies 18. permits

CATEGORY

1. Business - LEVEL1

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2. Elon Musk
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