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It's surprising that this isn't receiving more media attention.

## Description

California recently set a renewable energy record through extensive use of solar, wind, and hydropower to meet its energy demand for 25 out of the previous 32 days. The landmark data was shared by Stanford University's Professor Mark Z. Jacobson, who showed that California surpassed its previous sudden bursts of 100% renewable energy with sustained success for a longer period.

Commenting on the achievement, Jacobson wrote, "This is getting so easy; it's almost boring." His sentiment was echoed by Ian Magruder of Rewiring America, who stated that this has never happened before in history and deserves more attention as it represents a crucial milestone.

Replacing dirty energy sources like oil and gas with clean, renewable sources like solar and wind is crucial in reducing air pollution and global warming gases. Through this, California has shown that it is possible to counter the misinformation spread by dirty energy companies.

Although California still relies on a combination of clean and dirty energy, Jacobson predicted a full transition to WindWaterSolar energy by 2035. Referring to skeptics' previous claims about grid instability posed by renewable energy, Jacobson stated confidently that "100% WWS is here to stay."

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## Vocabulary List:

1. **Renewable** // (adjective): Capable of being renewed or restored.
2. **Solar** // (adjective): Relating to or deriving from the sun.
3. **Hydropower** // (noun): Electricity generated by the energy of moving water.
4. **Landmark** // (noun): A significant or historical event or achievement.
5. **Sustained** // (adjective): Continuing for an extended period without interruption.
6. **Milestone** // (noun): A significant event or stage in the development of something.

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. Which renewable energy source generates electricity from flowing water?

Option: Solar power

Option: Wind power

Option: Hydropower



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Option: Geothermal power

2. Which type of digital currency uses cryptography for security?

Option: Fiat currency

Option: Traditional currency

Option: Cryptocurrencies

Option: Commodity money

3. What type of material is used to make electronic devices?

Option: Wood

Option: Plastic

Option: Metal

Option: Semiconductor

4. What term describes the process of changing from one state to another?

Option: Stagnation

Option: Transition

Option: Regression

Option: Consistency

5. Which word best describes the ability to recover quickly from difficulties?

Option: Fragile

Option: Vulnerable

Option: Resilient

Option: Weak

6. What term means to introduce new ideas or methods?

Option: Repeat

Option: Imitate

Option: Innovate

Option: Stagnate

7. In finance what is the difference between the cost and the selling price?

Option: Profit

Option: Loss

Option: Margin

Option: Revenue

8. What term means a gradual decrease or deterioration?



- Option: Rise
- Option: Growth
- Option: Decline
- Option: Increase

9. What term refers to the extent to which something is observed examined or reported?

- Option: Isolation
- Option: Coverage
- Option: Inclusion
- Option: Exclusion

10. Which word describes the accomplishment of an aim or purpose?

- Option: Failure
- Option: Struggle
- Option: Success
- Option: Defeat

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

- 11. It is challenging to \_\_\_\_\_ the exact outcome of complex situations.
- 12. The company experienced a significant increase in sales \_\_\_\_\_.
- 13. The resources are \_\_\_\_\_ at an alarming rate.
- 14. Due to budget constraints the project budget was \_\_\_\_\_.
- 15. The urgent situation was \_\_\_\_\_ the need for immediate action.
- 16. It is important to verify facts to prevent the spread of \_\_\_\_\_.
- 17. Hard work and dedication are often keys to achieving \_\_\_\_\_ in various fields.
- 18. The company is going through a period of \_\_\_\_\_ as it shifts to a new business model.
- 19. Teamwork was \_\_\_\_\_ in completing the project on time.
- 20. Meeting one's financial \_\_\_\_\_ is important for financial stability.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**



21. The construction of the Eiffel Tower was a significant in the history of architecture.
22. He used a calculator to the total amount of money spent on the project.
23. Meteorologists make about the weather based on scientific data and models.
24. Despite facing many challenges the community proved to be very .
25. Workers decided to form a union to advocate for better working conditions and benefits.
26. Financial analysts provide business owners with future based on current trends.
27. The new project idea generated a creative among the team members.
28. The company announced positive for the last quarter exceeding expectations.
29. Net revenue is calculated by subtracting expenses from total revenue.
30. The stock market experienced significant throughout the day.

## Answer

**Multiple Choice:** 1. Hydropower 2. Cryptocurrencies 3. Semiconductor 4. Transition 5. Resilient 6. Innovate 7. Margin 8. Decline 9. Coverage 10. Success

**Gap-Fill:** 11. predict 12. volume 13. dwindling 14. slashed 15. prompting 16. misinformation 17. success 18. transition 19. instrumental 20. obligations

**Matching sentence:** 1. Landmark 2. Counter 3. predictions 4. resilient 5. Unionization 6. projections 7. spark 8. financial results 9. net revenue 10. fluctuations

## CATEGORY

1. Business - LEVEL5

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