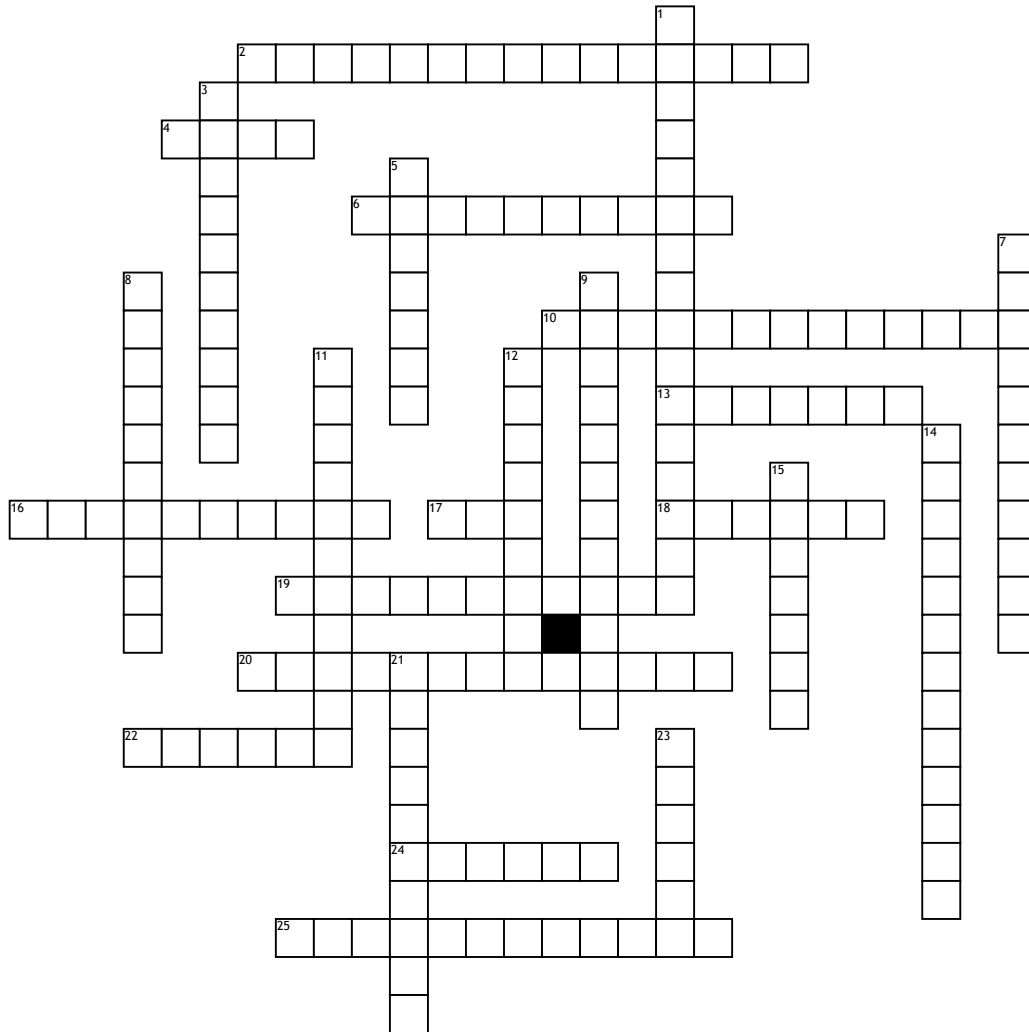


Renewable Energy



Across

- 2. _____ is renewable because they come from natural sources that can be easily replenished.
- 4. the solar and wind industries create many _____ and is very beneficial for the economy
- 6. the _____ was one of the earliest forms of power generators
- 10. _____ can be placed on the sea floor where there is strong tidal flow to convert to electrical energy.
- 13. a biofuel made from sugar cane and corn that is cleaner than burning gasoline
- 16. As greenhouse gases trap heat in the _____ that would otherwise escape into space
- 17. The most efficient source of energy is the _____
- 18. Because of the extra heat trapped in the atmosphere, the earth's temperature is _____

- 19. More than half of renewable energy sources are devoted to producing _____.
 - 20. A wind turbine converts the winds _____ into electrical energy
 - 22. were the very first to use geothermal energy to heat their homes, with warm air moving under floors and inside walls.
 - 24. Because of the extra heat trapped in the atmosphere, the earth's temperature is _____
 - 25. one wind turbine can produce energy for _____ homes
- Down**
- 1. _____ is the heat from the earth
 - 3. an energy source that converts sunlight into energy
 - 5. biomass is the _____ and most used renewable energy source in the US
 - 7. _____ are not a renewable source of energy

- 8. _____ is a form of energy derived from fast moving water
- 9. can sometimes effect the population of local wildlife (kills birds)
- 11. _____ usually use coal as fuel, which emits fossil fuels.
- 12. because renewable energy is usually very _____, we resort to using fossil fuels
- 14. _____ generates heat to produce steam, which is used by a turbine generator to generate electricity
- 15. _____ contains stored energy from the sun and converts it to electrical energy
- 21. renewable sources accounted for about _____ of U.S. electricity generation
- 23. compressed natural gas is made by compressing to less than 1% of its _____

Word Bank

- | | | | | |
|----------------|-------------------|------------------|------------|---------------|
| tidal turbines | nuclear energy | kinetic energy | atmosphere | largest |
| Ethanol | geothermal energy | renewable energy | Romans | ten percent |
| expensive | power plants | water wheel | rising | three hundred |
| volume | electricity | hydropower | sun | solar power |
| jobs | rising | wind turbines | biomass | fossil fuels |