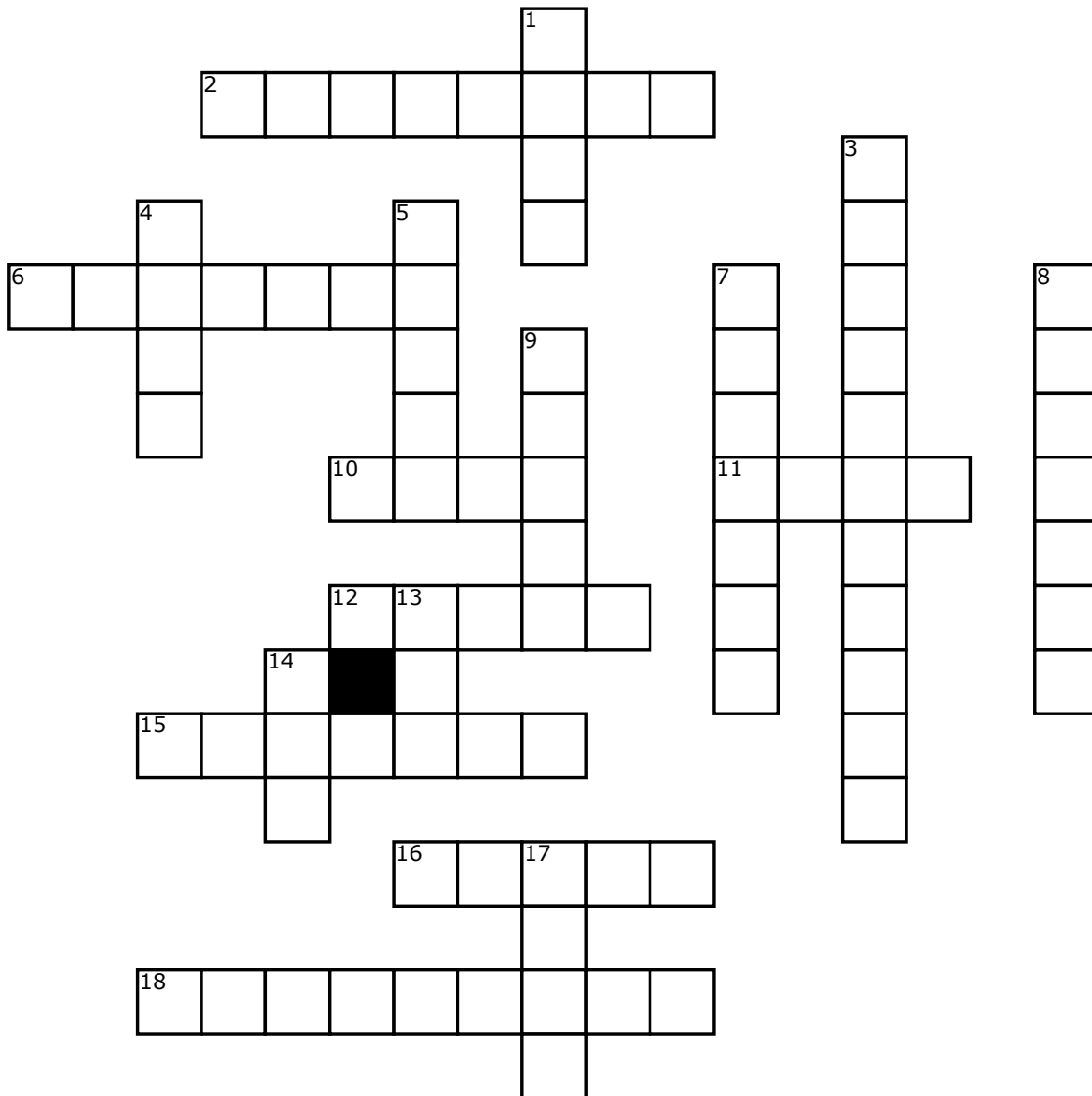


Wind Energy Vocabulary



Across

2. Device that uses wind power to mill grain into flour

6. The cross section.

10. A device that transfers power from a rotating shaft to a generator.

11. A force that pushes something up

12. The width of a wind turbine blade at a given location along the length.

15. Used to increase rotational speed of the rotor shaft.

16. The base structure that supports the wind turbine rotor and nacelle.

18. A device that converts mechanical energy into electricity.

Down

1. Air in motion.

3. Helps to boost the generating output of a wind turbine.

4. an electricity transmission and distribution system.

5. Part of the wind generator that catches wind currents.

7. When a wind turbine slows the speed it is turning by going in the opposite direction of the wind.

8. Structure at the top of the wind turbine tower that protects the generator.

9. The part of the turbine that captures wind and makes the hub rotate.

13. The central part of the wind turbine blades on the outside connects to low-speed rotor shaft inside the house.

14. The rotation of a horizontal-axis wind turbine about its tower or vertical axis.

17. A measure of unit for power.