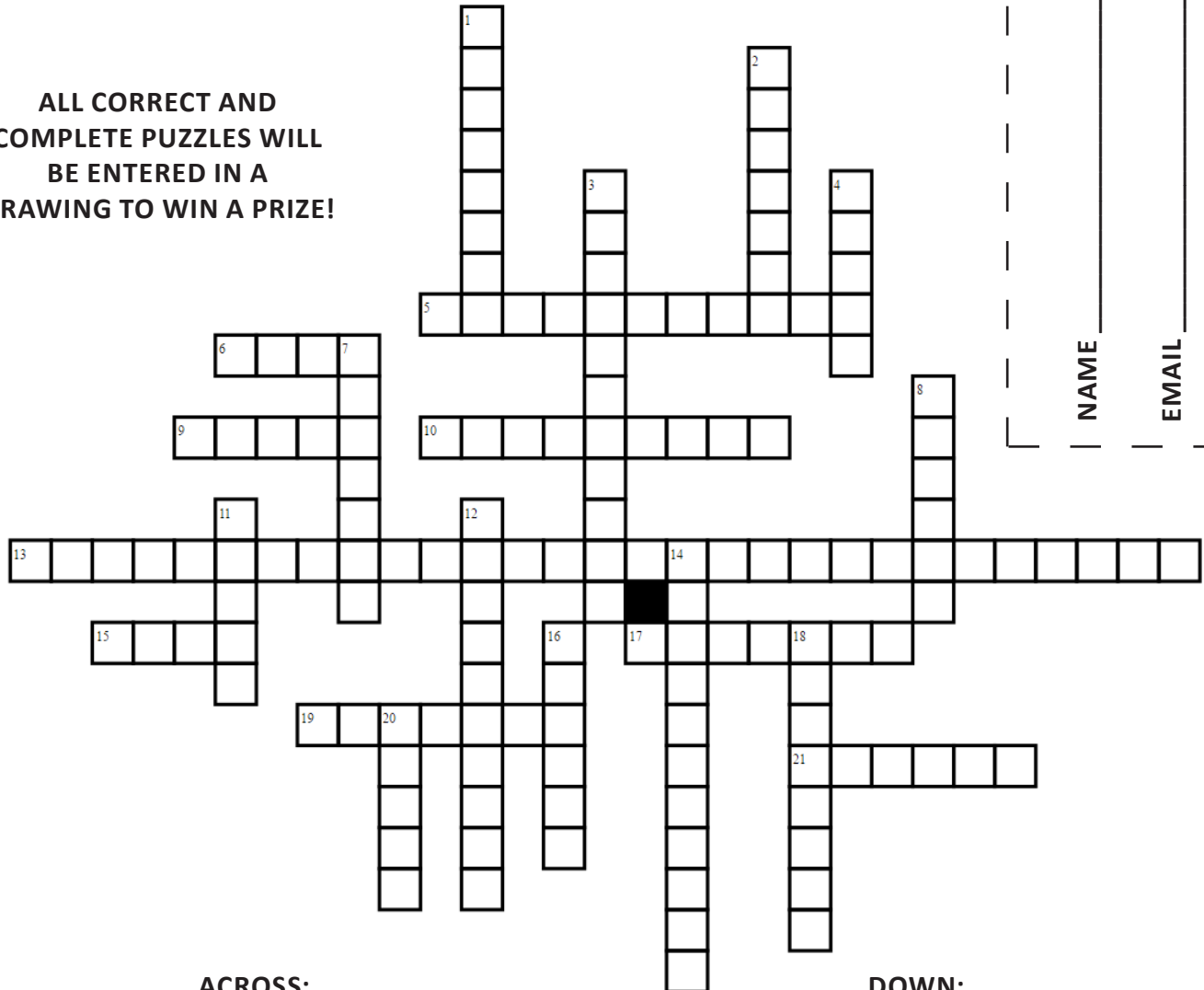


Coal Country Crossword

ALL CORRECT AND COMPLETE PUZZLES WILL BE ENTERED IN A DRAWING TO WIN A PRIZE!



NAME _____

EMAIL _____

PHONE # _____

ACROSS:

5. Research and development is vital to the future of clean coal technologies.
6. The North Dakota coal industry provides four thousand direct jobs.
9. Lignite coal is one-third water.
10. The LEC has four programs: Education, Government Action, Public Relations and Marketing, and Research and Development.
13. Leland Olds Station is owned by BasinElectricPowerCooperation.
15. North Dakota currently has Five coal mines.
17. Seventy nine percent of North Dakota's lignite coal is used to generate electricity for over 2 million regional customers.
19. North Dakota is one of seven states to meet all federal air quality standards.
21. The Falkirk Mine is located in McLean county.

DOWN:

1. A large machine that removes overburden is called a dragline.
2. North Dakota has the second largest known reserves of lignite in the world.
3. The process of returning land to original or better productivity after mining is called Reclamation.
4. North Dakota's power plants are mine-mouth meaning they are located near the mine that supplies their coal.
7. Most early lignite mines in North Dakota were underground - not surface mines like they are today.
8. A ton of lignite coal has the same amount of energy as one barrel of oil.
11. North Dakota currently has seven coal-fired power plants.
12. Bituminous coal is the most widely-used coal in the United States.
14. Most of North Dakota's lignite is used to produce electricity.
16. Carbon dioxide is a molecule made of one atom of carbon and two atoms of oxygen.
18. Rare-earth elements are known to be more concentrated in regions with lignite coal.
20. An all-of-the- above energy strategy is essential in providing electricity for millions of customers.

**TURN IN TO AN LEC HOST
WHEN COMPLETED!**