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.
5. Most early lignite mines in North Dakota were underground - not **surface** mines like they are today.
6. A ton of lignite coal has the same amount of energy as one **barrel** of oil.
7. North Dakota currently has **seven** coal-fired power plants.
8. **Bituminous** coal is the most widely-used coal in the United States.
9. Most of North Dakota’s lignite is used to produce **electricity**.
10. Carbon dioxide is a molecule made of one atom of carbon and two atoms of **oxygen**.
11. Rare-earth **elements** are known to be more concentrated in regions with lignite coal.
12. An all-of-the-**above** energy strategy is essential in providing electricity for millions of customers.