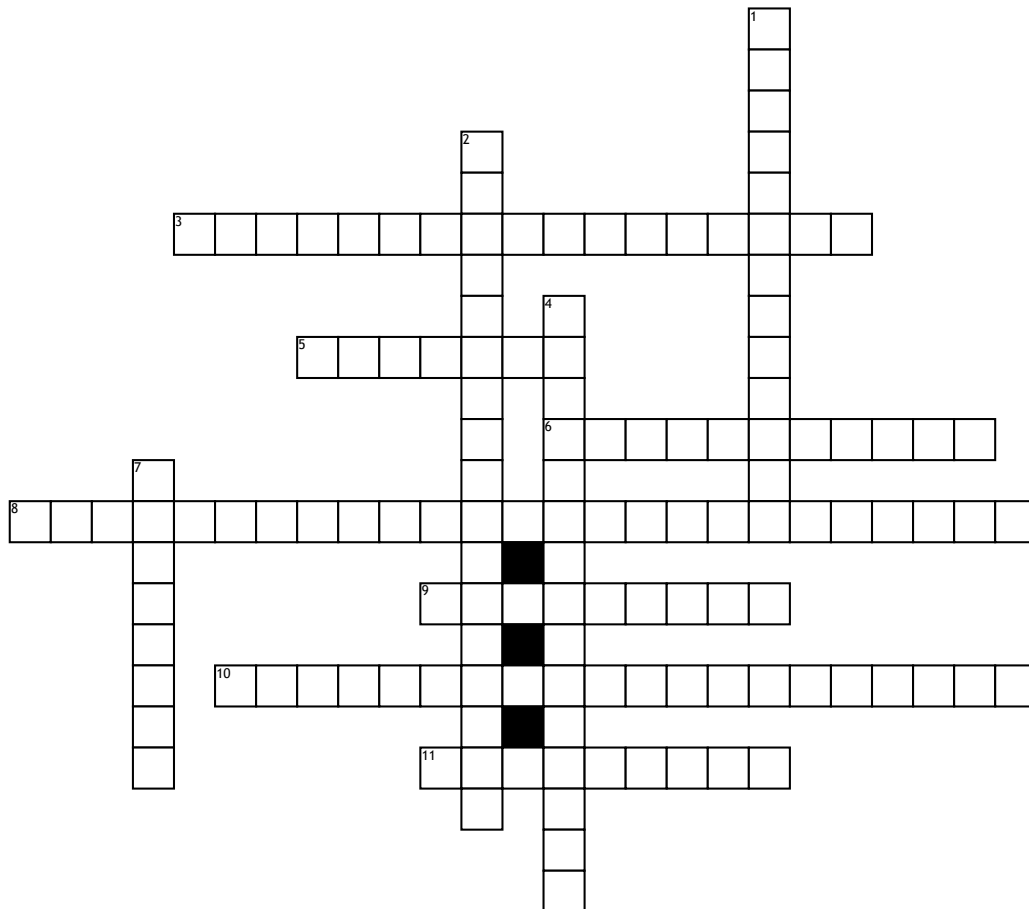


# Hydroelectric Energy Word Search



**Across**

- 3. increase unit availability and plant capacity factors; reduce risk through enhanced system reliability; and improve the quality—environmental performance attributes
- 5. a colorless, odorless flammable gas which is the main constituent of natural gas. It is the simplest member of the alkane series of hydrocarbons.
- 6. a form of energy resulting from the existence of charged particles (such as electrons or protons), either statically as an accumulation of charge or dynamically as a current.
- 8. The Water Power Program funds R&D to identify and test new materials and manufacturing techniques to improve the performance and lower the costs of hydropower.
- 9. the presence in or introduction into the environment of a substance or thing that has harmful or poisonous effects.
- 10. it acts as utility-scale grid storage technology.

- 11. a dynamo or similar machine for converting mechanical energy into electricity.

**Down**

- 1. relating to or denoting the generation of electricity using flowing water (typically from a reservoir held behind a dam or other barrier) to drive a turbine that powers a generator.
- 2. These types of waterways are often present at existing non-powered dams, canals, and conduits across diverse areas of the United States
- 4. energy from a source that is not depleted when used, such as wind or solar power.
- 7. a unit of power equal to one million watts, especially as a measure of the output of a power station

**Word Bank**

- |                    |                             |               |
|--------------------|-----------------------------|---------------|
| electricity        | Pump Stored Hydropower      | Hydroelectric |
| Hydropower Systems | Materials and Manufacturing | pollution     |
| methane            | Low-Head Hydropower         | megawatt      |
| generator          | renewable energy            |               |