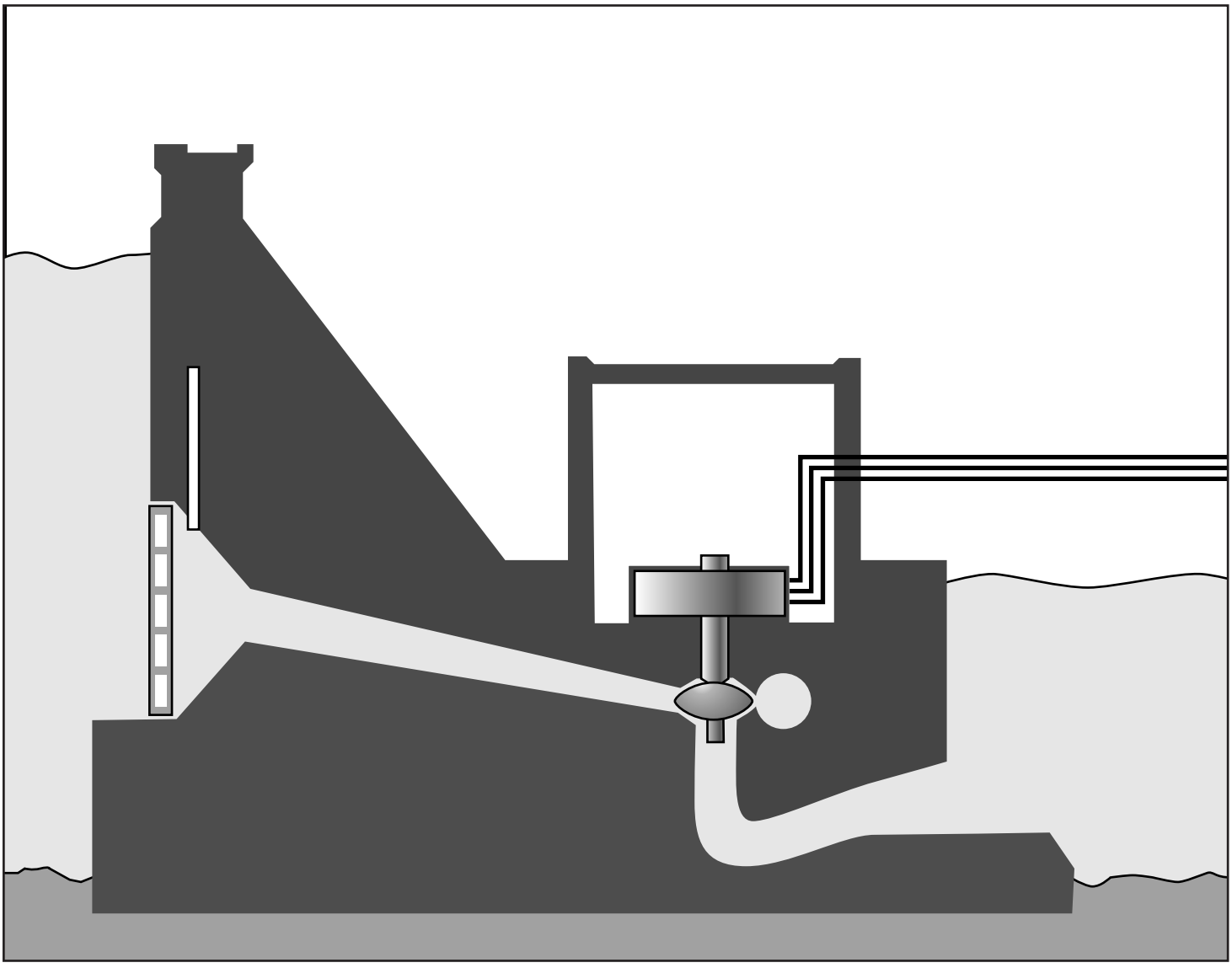
1. Copy the labels below to the correct places on the diagram of the hydro electric power station:

- Reservoir
- Gate
- Intake
- Long distance power lines
- Powerhouse
- Turbine
- Generator
- River



stored	increases	generated	inefficient	more	electricity
hydroelectric	little	pump	gas	predict	dam
turbines	wildlife	night	unexpected	gravitational	

2. Complete the gaps in the following passage using the words in the box.

Electricity cannot be _____ so it has to be _____ at the same rate as it is being used. If demand for electricity _____ ___, power stations need to produce more electricity or _____ power stations need to come online to generate power. It is relatively easy to burn more oil, ____ or coal to increase power output. It is not so easy to change the power output of nuclear power stations.

People running the national grid need to _____ when people are likely to want electricity so that there is never too much or too _____ electricity. If there are sudden, _____ changes in demand, hydroelectric power stations are useful.

At times of the day when power stations are generating more _____ than is required (e.g. the middle of the _____), electricity in the national grid can be used to _____ water from a reservoir up into a raised _____ to give it _____ potential energy. The water can be _____ in the dam until there is a sudden need for electricity. When this happens, the water in the dam can be allowed to fall through _____, which turn generators to generate electricity.

A _____ dam generates electricity without causing pollution. But building dams and flooding valleys to create reservoirs can affect the local _____ and there are very few places in the world where a HEP can be built. The system is also a very _____ use of electricity so it is only used when necessary.