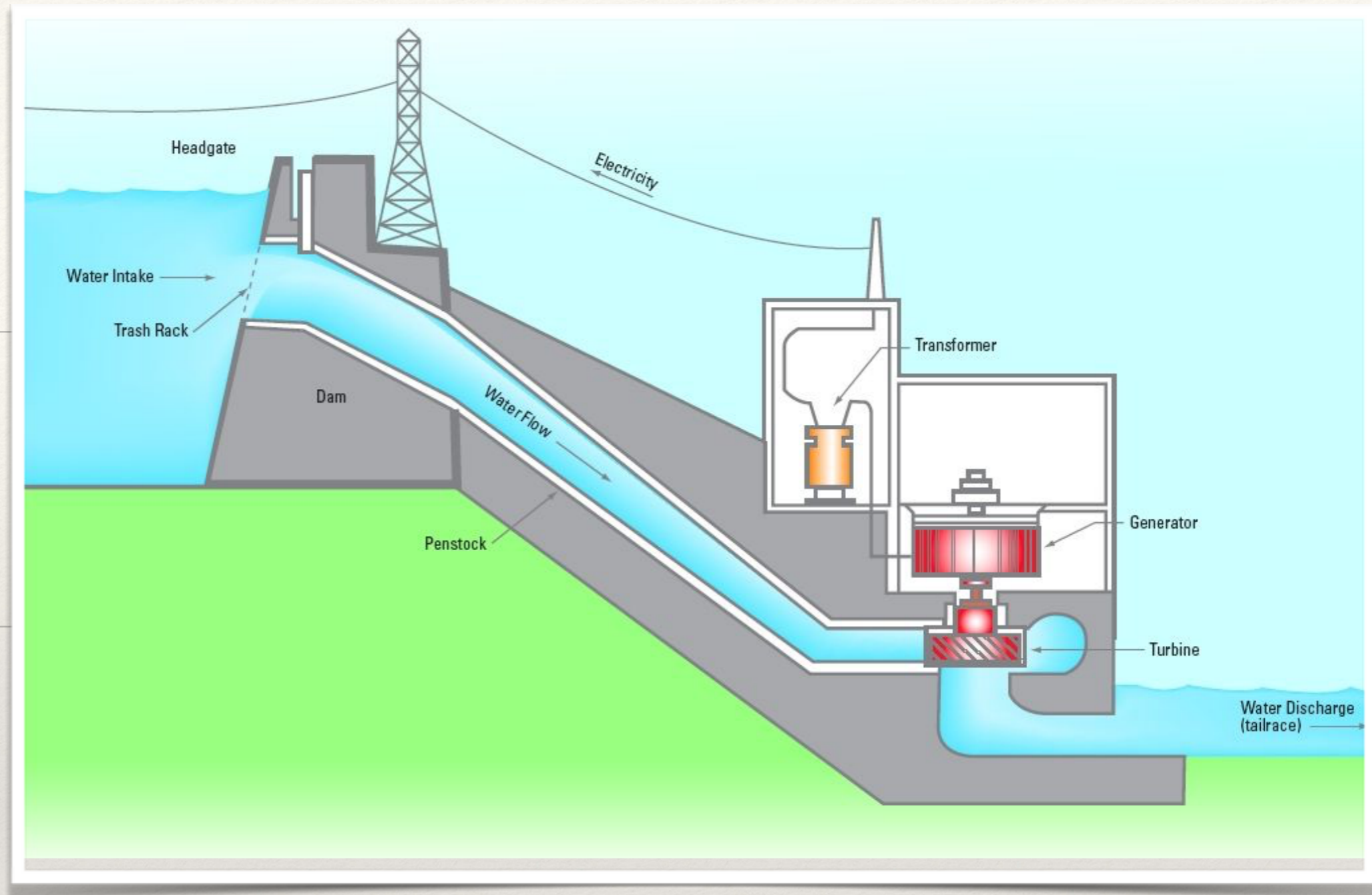

Renewable Energy

What sources do we have available to us?

Lorem Ipsum Dolor



Hydroelectricity

Hydroelectricity

- ❖ Use a dam to control the flow of water
- ❖ Using mechanisms like a turbine, the flow of water can generate electricity when needed

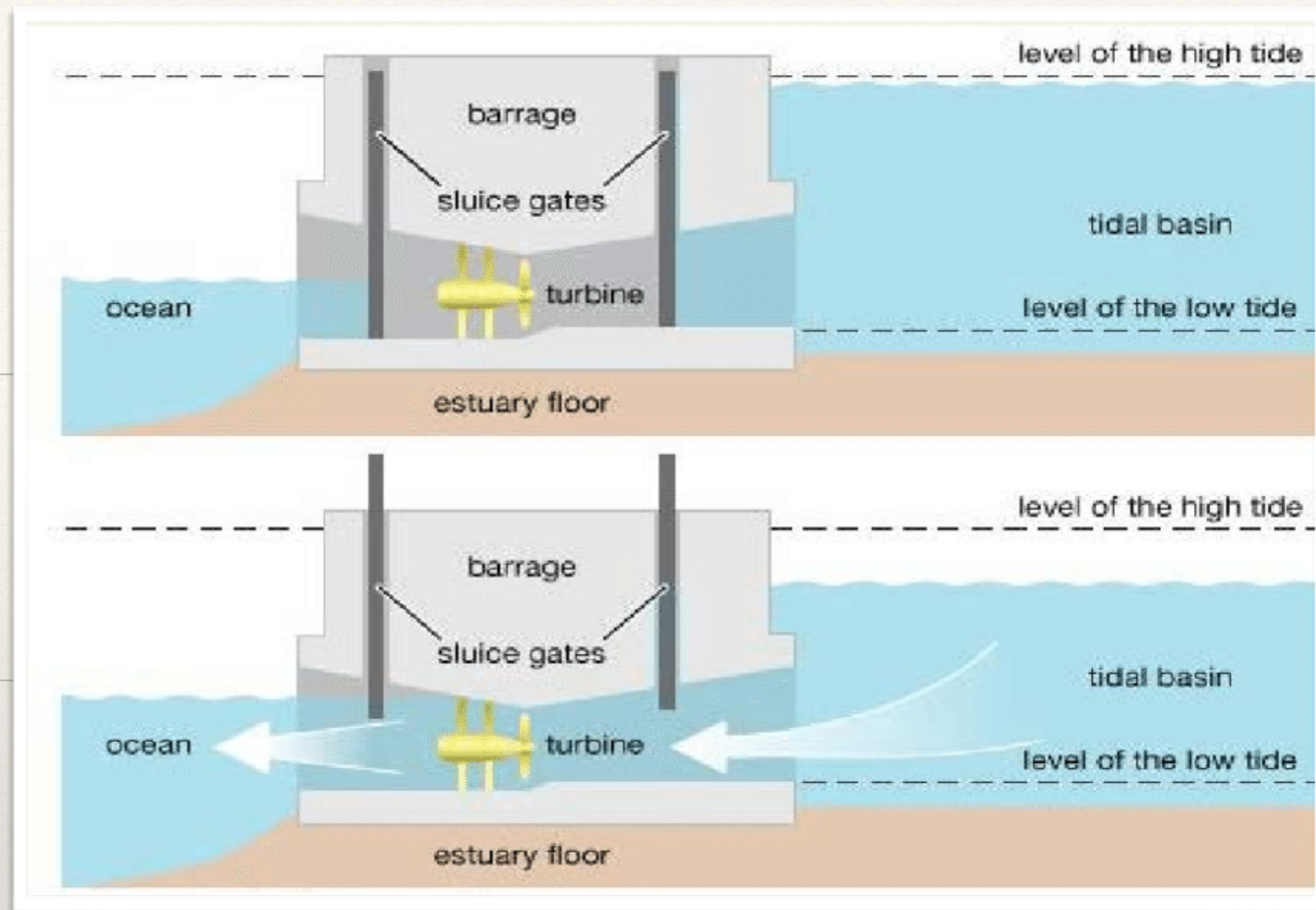
❖ Advantages

- ❖ Changes in energy usage can be almost immediate
- ❖ Low output of emissions-only in construction and maintenance
- ❖ Can help during drought
- ❖ Can prevent flooding

- ❖ Disadvantages

- ❖ Environment is changed downstream from the dam
- ❖ Burst dams are catastrophic (great suffering or damage) in nature

Lorem Ipsum Dolor



Tidal Power

Tidal Power

- ❖ Quite similar to Hydroelectric dams in that it relies on the movement of water to generate electricity

- ❖ Advantages

- ❖ Always have access to the water

- ❖ Tides are predictable

- ❖ Low water activity (movement) can generate power

- ❖ Disadvantages

- ❖ Most coasts are not suitable for this

- ❖ Technology is expensive

- ❖ Disruption of environment