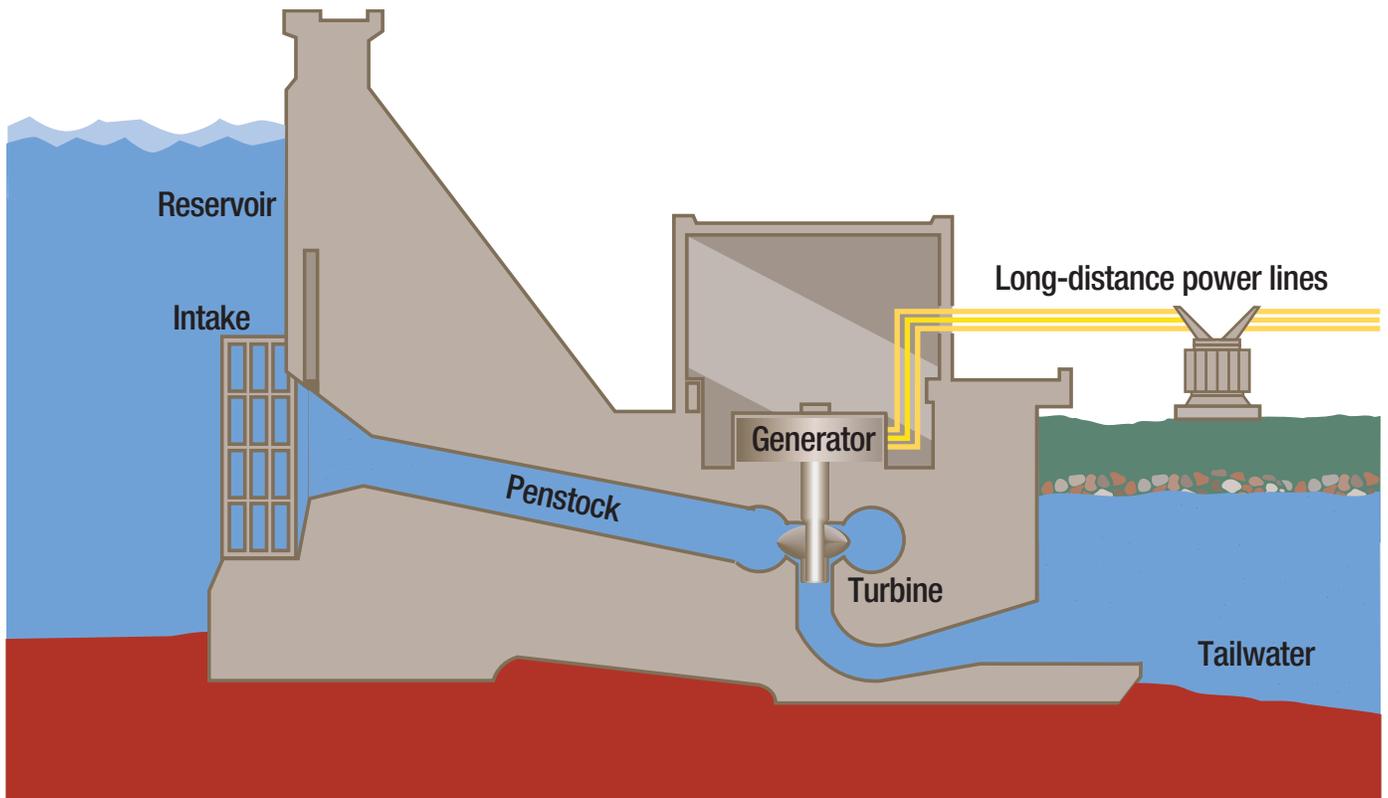


Hydroelectric Dam



The major components of a hydroelectric generating system are a dam to hold back water in a reservoir, a powerhouse consisting of turbines attached to generators, and a penstock to move water from the reservoir to the turbines. The amount of power generated increases with both the volume of moving past the turbines and the elevation difference between the reservoir and the turbine.