

HYDROPOWER

A. Water vapor rises into the atmosphere through evaporation from lakes and oceans...and transpiration from plants and trees.

B. The water vapor condenses to form clouds. Then the rain or snow falls back to the earth.

C. For hundreds of years, moving water was used to run wooden wheels that were attached to ginding wheels to grind grain, cut timber, finish cloth, manufacture paper, among other things.

D. Water flowing over the wheel is known as an overshot.

E. The water passing under the wheel is known as an undershot.

F. Water goes into the Penstock Pipe at high speed through the Intake Towers.

G. And then goes to a Turbine Wheel.

H. The Turbine Wheel spins the rotor of the Generator and makes electricity.

I. The electricity goes to the electrical grid to be used in your home, in stores and in manufacturing plants.



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