

Hydropower projects do more than just produce electricity. They create wildlife conservation lands, provide stable habitat for wildlife, support healthy fisheries, improve water quality, protect riverine ecosystems, provide recreational opportunities, and much more.

Water Supply

Fresh water, the foundation of human sustenance and the basic needs of industry, can be stored in hydropower reservoirs and distributed to cities and industries when and where it's needed.



Flood Control

Reservoirs behind a hydropower project can prevent or reduce floods by trapping excess river flows.

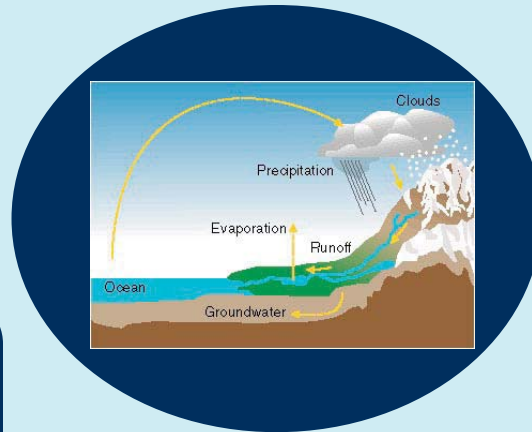


HydroPOWER

the power of moving water

Clean power for a secure energy future

Any moving water has the potential to make power



Water used for power is returned to the water cycle

The hydrologic cycle

source: http://hydropower.inel.gov/hydrofacts/how_hydro_works.shtml

Recreation

Hydropower projects create opportunities for boating, whitewater rafting, kayaking, water skiing, fishing, camping, hiking, and biking. Many have picnic areas and boat launch facilities. Annually, more than 100 million visitor days for recreation are spent at hydropower projects nationwide.



Irrigation

Many hydropower projects create water storage systems so farmers are not solely dependent on daily rainfall. Hydropower allows crops to grow in areas where water and rain are not abundant.



Fish and Wildlife Protection

The hydropower industry takes seriously its responsibility to protect the nation's rivers. Today's hydropower, through science, new technology, and creative strategies, produces clean, reliable electricity while protecting our rivers and fisheries.

