

Hydroelectric Power Plant B-Roll

Scene-by-Scene Description

Get the facts behind the footage available on the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) B-Roll Web site at eere.energy.gov/news/b_roll.cfm.

Video Title: Hydroelectric Dam B-Roll

Video Only/No Audio

Location: Umatilla County, Oregon

Shoot Date: June 2, 2010

Total Running Time: 2:01

Scene 1: 00:05: Establishing shots of McNary Dam, a self-sustaining hydroelectric power plant—one of the largest hydroelectric plants in the United States.

Scene 2: 01:14: Shots of McNary Dam generating 980 megawatts (MW) of energy. Hydropower technologies use flowing water to create energy that can be captured and turned into electricity. Because the water cycle is an endless, constantly recharging process, hydropower is considered a renewable source of energy.

Learn More about Hydroelectric Power Plants

Hydropower, or hydroelectric power, is among the most common and least expensive sources of renewable electricity in the United States today. Hydropower technologies offer many advantages over other sources of energy, including high availability, renewability, and lack of emissions.

A hydropower system uses a dam to store river water in a reservoir. Water released from the reservoir flows through a turbine, spinning it, which then activates a generator to produce renewable electricity. For more information on hydropower technologies, visit the EERE Wind and Water Program Web site at eere.energy.gov/windandhydro.