

River Management



TVA uses its 49 dams to manage lake levels and river flows to balance the competing demands on the reservoir system. Whether it's heavy rains or drought, TVA's River Management Team works around the clock, managing the Tennessee River system to provide a variety of benefits, including flood control, navigation, hydroelectric generation, recreation, and water quality and supply.

49 Dams

Hydroelectric & non-power

5,394 MW

Summer net capability

Over

40,000 Miles of Rivers, Streams and Tributaries

Including the 652-mile Tennessee River

11,000 Miles of reservoir shoreline

293,000 Acres of reservoir land

650,000 Surface Acres of reservoir water

Flood Damage Averted

Over \$9.5 Billion Since 1936

\$300 Million Annually on Average

\$1 Billion in potential flood damage prevented in fiscal year 2020

Despite **150%** of normal rainfall

Water Source for over

5 Million People

Using 10 billion gallons in the Valley every day

TVA Manages Approximately

100 Public Recreation Areas

TVA Conservation & Responsible Recreation

Serve as a Driver for

Nearly \$12 Billion total economic activity

Over 130,500 Jobs

\$916.5 Million in state and local taxes

Tennessee River Enables Movement of

Nearly 50 Million Tons a Year

Saving \$500 Million

Per year in shipping costs

Approximately 300 Fish Species are Native

in the Tennessee Valley