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Hydroelectric

Hydroelectric power is the most clean, reliable, efficient and economical of all renewable energy sources. And thanks to the Tennessee River system, we have plenty of it in our region. It supports our mission of providing clean, reliable and affordable electricity to the people and businesses of the Tennessee Valley.

TVA's hydroelectric system consists of:

- 29 power-generating dams throughout the Tennessee River system, some of which date back to the TVA's early days in the 1930s
- A pumped-storage plant near Chattanooga called Raccoon Mountain
- Purchased power from eight dams on the Cumberland River operated



The [Unified Development of the Tennessee River](#) plan stressed TVA was to provide flood control, navigation and electricity for the region. TVA's dams are tangible evidence of its primary mission: improving life in the Tennessee Valley. We're celebrating the 80th

by the Army Corps of Engineers

These dams are located on the Tennessee Rivers system, which includes a number of feeder rivers, including the Holston, the Clinch, the Ocoee, the Little Tennessee, the Hiwassee, the Elk, the Duck, the Nolichucky, the Nottely, the Nantahala, the French Broad, the Pigeon, the Cheoah, the Powell and the Cumberland among others.

The hydroelectric dams and their reservoirs provide additional benefits to our region, including flood control, river navigation and popular recreational opportunities—all while minimizing effects on our environment. [Learn more about how hydroelectric power works.](#)

The pumped storage plant at Raccoon Mountain is a prime example of the recreation opportunities and minimal environmental impact of hydroelectric power. It produces 1,650 megawatts of power and yet the water and surrounding woods are tranquil enough to be designated a state wildlife observation area that's home to whitetail deer, woodchucks, gray foxes, bald eagles and raccoons.

TVA's Dams + Reservoirs

Power-Producing Dams

[Apalachia](#)

[Blue Ridge](#)

[Boone](#)

[Chatuge](#)

[Cherokee](#)

[Chickamauga](#)

[Douglas](#)

[Fontana](#)

[Fort Loudoun](#)

[Fort Patrick Henry](#)

[Great Falls](#)

[Guntersville](#)

[Hiwassee](#)

[Kentucky](#)

[Melton Hill](#)

[Nickajack](#)

[Norris](#)

[Nottely](#)

[Ocoee 1](#)

[Ocoee 2](#)

[Ocoee 3](#)

[Pickwick Landing](#)

[Raccoon Mountain](#)







[South Holston](#)

anniversary of the plan with [an in-depth look at 32 dams it comprises.](#)

- [Tims Ford](#)
- [Watauga](#)
- [Watts Bar](#)
- [Wheeler](#)
- [Wilbur](#)
- [Wilson](#)

Non-Power Dams
(for flood control and recreation)

- [Bear Creek](#)
- [Beaver Creek](#)
- [Beech](#)
- [Cedar](#)
- [Cedar Creek](#)
- [Clear Creek](#)
- [Dogwood](#)
- [Little Bear Creek](#)
- [Lost Creek](#)
- [Nolichucky](#)
- [Normandy](#)
- [Pin Oak](#)
- [Pine](#)
- [Redbud](#)
- [Sycamore](#)
- [Tellico](#)
- [Upper Bear Creek](#)

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Inspector General

TVA Police