

DID YOU KNOW...

TVA Recycles Coal Ash as Part of Our Mission of Environmental Stewardship

We recycle approximately 39% of the coal combustion residuals (CCR) we produce each year. That's millions of tons of coal ash that does not have to be stored and managed in landfills.

The Environmental Protection Agency encourages the use of coal ash because the practice:

- Reduces the use of virgin resources
- Lowers greenhouse gas emissions
- Reduces the cost of coal ash disposal
- Improves strength and durability of materials

Coal ash improves the performance and sustainability of building products like cement, wall board, and roofing shingles.



TVA sells coal ash to companies that recycle it into products like cement and concrete.



TVA Recycles Coal Ash as Part of Our Mission of Economic Development

Recycling coal ash is not just good for the environment, it helps create hundreds of jobs across the Tennessee Valley. Byproducts of the coal combustion process are recycled and used to help fuel our region's economic growth.



The fly ash produced at Kingston is an excellent quality. Having a close, reliable source is vitally important to us.

Joe Fowler, General Manager of Ready Mix USA



Employs 140 people in Knoxville, TN



The cost to build roads, runways, and bridges would increase by an estimated \$104.6 billion over the next 20 years if fly ash were not available.

American Road and Transportation Builders Association



Fly ash from Kingston plays a vital role in our supply chain, providing us with quality material that exceeds the expectations of our customer base.

Wesley Blalock, General Manager of Blalock Ready Mix in Sevierville, TN



Employs 100+ people in East Tennessee



Safe, Responsible Coal Ash Management



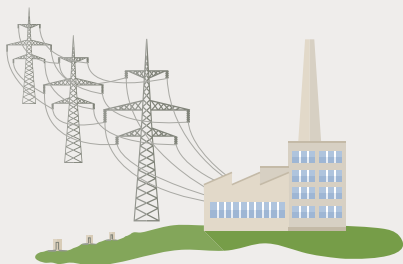
DID YOU KNOW...

Our Commitment to You

The Tennessee Valley is our home. We care about our neighbors and about protecting our air, land, and water resources.

TVA is committed to serving our communities through our mission of providing low-cost, reliable power, environmental stewardship, and economic development.

This commitment also includes the safe, responsible management of coal combustion residuals (CCR), or what is commonly referred to as coal ash, which is a byproduct of burning coal for electricity.



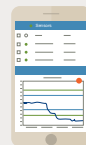
Our state-of-the-art water processing and treatment practices and robust network of groundwater monitoring wells ensure the protection of waterways and natural resources.

We use compaction technology and cutting-edge 3D technology to map each layer of coal ash that is placed into TVA's dry storage landfills to further ensure the safety and stability of our sites



TVA Is an Industry Leader in Safe, Secure Monitoring and Management of Coal Ash

TVA is pioneering new technology and using the best science, data, and research to ensure our coal ash sites are safe and secure.



We designed the Advanced Technology for Impoundment Monitoring (ATIM) system, which is the nation's first and only one of its kind, that monitors our coal ash storage sites 24 hours a day, 365 days a year.



TVA Works with Regulators to Ensure Our Actions Are Safe and Effective

TVA's customized, science-based monitoring and management plans for each of our coal ash sites across the Tennessee Valley meet or exceed regulatory requirements set forth by the Environmental Protection Agency (EPA) and state regulators.

