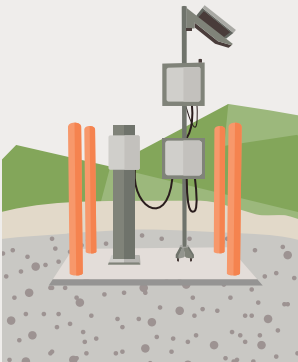


# Advanced Technology for Impoundment Monitoring (ATIM) System

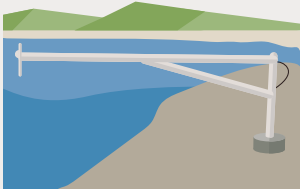
**DID YOU KNOW...**

**At the Plant Site**

We have installed more than 16,000 real-time sensors at site locations to monitor ash impoundments and send data (24/7/365) to a centralized computer monitoring system.



- Monitoring water level inside CCR units
- Monitoring movement and settlement to determine stability



- Monitoring surface water levels



- Monitoring weather



**Advanced Technology for Impoundment Monitoring (ATIM) System**

The monitoring system focuses on ensuring the structural integrity of the CCR units and provides continuous monitoring.



TVA remotely monitors data from the ATIM System around the clock.

# Safe, Responsible Coal Ash Management



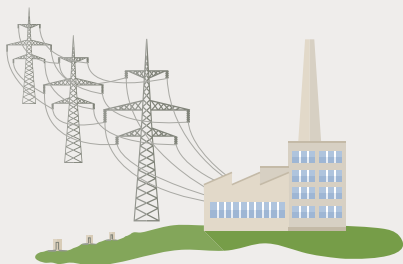
## DID YOU KNOW...

### 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.



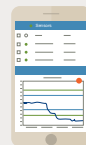
Our state-of-the-art water processing and treatment practices and robust network of groundwater monitoring wells ensure the protection of waterways and natural resources.

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.

