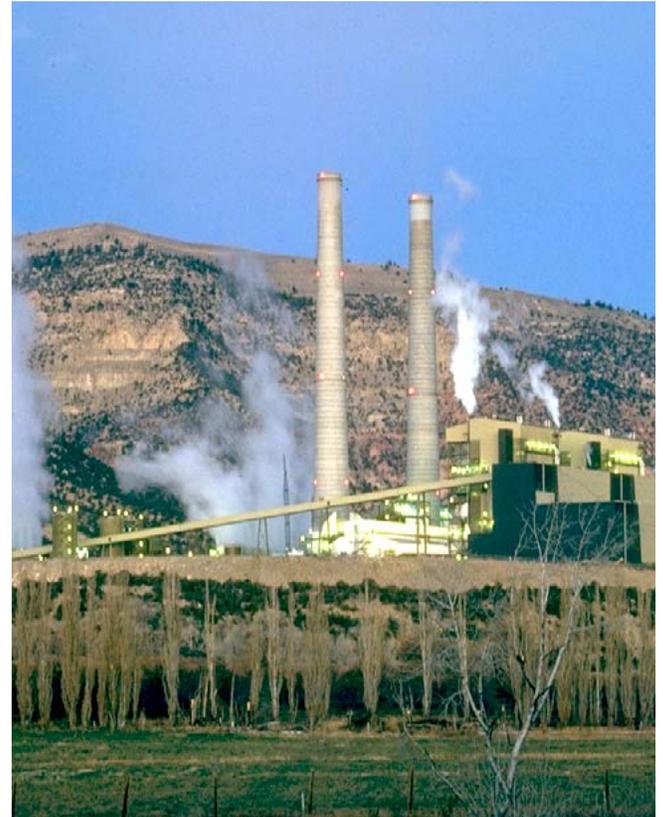


Coal Ash Management

Coal-fired power plants are facing numerous pressures including re-examination of the Bevill Exemption and the possible promulgation of new Coal Combustion Residuals (CCR) rules. Tetra Tech has developed a unique and comprehensive service line customized to meet our clients' energy waste challenges.

Through decades of experience, keeping a watchful eye on current and evolving regulatory trends, and close working relationships with our utility clients, we have brought together a suite of Tetra Tech services that can be customized to respond to the needs of each given client, project, or facility. From providing assistance with strategic and/or capital improvement project planning, to closing existing ash ponds, to constructing new ash landfills, Tetra Tech has the experience and industry-focused insight to support our clients in managing CCR.



Tetra Tech has extensive experience working with electrical generators to address their CCR waste management and environmental challenges.

Our professionals have wide-ranging technical experience throughout the U.S. with CCR disposal landfills and impoundments including:

- CCR landfill siting
- Impoundment/Reservoir design-build and closure
- Wetlands assessment/restoration
- Engineering design
- QA/QC construction certification
- Impoundment retrofits
- Wastewater treatment
- Permitting and regulatory support services
- Hydrogeologic investigations
- Construction engineering support
- Dam and dike inspections
- Ash remediation
- Construction management

Tetra Tech is a leading provider of consulting, engineering, program management, construction management, and technical services. The Company supports commercial and government clients by providing innovative solutions to complex problems focused on water, environment, energy, infrastructure, and resource management. With 13,000 employees worldwide, Tetra Tech's capabilities span the entire project life cycle.

Tetra Tech provides a variety of energy waste management services. Our unique study-build-design project approach offers our clients the ability to “turn-key” projects from inception to completion.

Planning

- Strategic planning and consulting
- Environmental impact investigations
- Geotechnical investigations
- Ecological services
- Regulatory support services
- Risk assessments
- Site assessments
- Site selection
- Fuel supply evaluations
- Land survey
- Construction planning and phasing

Permitting/Compliance

- Landfill permitting
- Environmental compliance/management
- Air quality
- Waste minimization
- RCRA/CERCLA
- NPDES permits
- USACE permits
- Stormwater management
- Wetlands assessment/restoration
- NEPA
- FERC
- Water balance studies

Design/Construction

- Design-build for ash impoundment/reservoir
- Disposal pond closure/retrofit
- Design-build for barrier/slurry/cut-off walls
- Cooling water intake control and deflection structures
- Liner installation
- Pipelines and pump stations
- Design-build for groundwater treatment systems
- Waste remediation (groundwater, sediments, soil)
- Manufactured gas sites
- Wastewater treatment plants
- Site development
- Facility decommissioning

Other

- Water supply
- Water quality
- Acid mine drainage mitigation
- Geotechnical services
- Mine subsidence
- Water treatment design
- Due diligence
- Transmission line siting, design, and permitting

Coal ash landfills and ash ponds are unique in their design approach, construction, and construction quality assurance. Tetra Tech has combined success in designing, permitting, constructing, and providing operational support for RCRA Subtitle C and Subtitle D landfills across the country. In anticipation of the USEPA Coal Combustion Rule, Tetra Tech was the first firm to design/build a new Subtitle D ash landfill in the United States.

136

Number of millions of tons of CCR generated in the U.S. in 2008

676

Number of units managing slurried CCR

\$300M

Value of EPC projects successfully managed since 2008

Company Facts:

- 13,000 employees
- Annual revenue: \$2.5 billion (FY2014)
- Bonding capacity: \$750 million
- NASDAQ Symbol: TTEK
- Geographic reach: More than 300 offices worldwide



For more information:

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