



## ENVIRONMENTAL RISK TRANSFER SERVICES

REMOVING THE RISKS. AND THE AND LOWERING YOUR COSTS.

Charah® Solutions is the only company in the power generation industry that can offer one-stop services for your entire portfolio of Environmental Risk Transfer projects. We have the financial resources to support the transaction, we have the skill to effectively manage the environmental risk and we have the team that can safely remediate your site, all while also substantially lowering your cost model. Our depth and breadth of risk transfer expertise, capabilities and services are good news for

utilities who will ultimately need to retire and decommission their older, un-utilized, or non-profitable generating assets while maximizing the value of the assets and eliminating environmental liabilities. To meet the needs of your organization, Charah Solutions brings together a full and comprehensive team to professionally review each site's particular liabilities followed by a turnkey proposal that includes a remediation action plan and a re-purpose plan for the property.

Our range of services for Environmental Risk Transfer and post-closure obligations include the following capabilities:

- **Management of the entire project from site purchase to remediation and re-development.**
- **Remediation of the coal combustion residual (CCR) ponds and landfills.**
- **Marketing of coal combustion products (CCPs).**
- **Demolition services to bring down the power plant structures and perform asbestos abatement.**
- **Third party environmental services to perform due diligence prior to legal transfer of the property.**
- **Insurance relationships to assist with the assessment of risk, and utilize the best methods to maximize insurance protection.**
- **Design engineering for site remediation and third party CQA/CQC testing services.**
- **Assess site re-development potential and help manage the re-development process.**



## CHARAH SOLUTIONS FULL SERVICES

### Ash/Gypsum Pond Management

- POND EXCAVATION
- POND CLOSURE
- POND CONVERSIONS
- ENVIRODITCH®

### Landfill Construction

- SITE STUDIES
- DESIGN
- PERMITTING
- CONSTRUCTION
- CERTIFICATION
- CLOSURE
- ENGINEERED FILLS (OFFSITE)

### Environmental Risk Transfer

- INSURED RISK TRANSFER
- DECOMMISSION ASSETS
- SITE REMEDIATION
- SCMS SALES & MARKETING
- SITE REDEVELOPMENT

### SCMs Sales & Marketing

- FLY ASH SALES
- MP618® ASH BENEFICIATION
- MULTIPOZZ™ POZZOLAN
- BOTTOM ASH SALES
- GYPSUM SALES
- IGCC SLAG SALES
- TERMINAL OPERATIONS
- DELIVERY
- LOGISTICS

### International Raw Materials Sales & Services

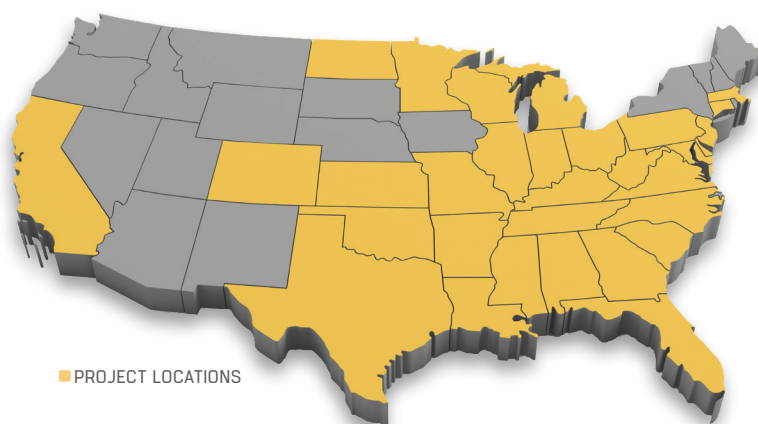
- INDUSTRIAL RAW MATERIALS
- CEMENT MANUFACTURING MATERIALS
- TRANSPORTATION & LOGISTICS MANAGEMENT
- INVENTORY MANAGEMENT
- MATERIALS HANDLING

### Power Plant Maintenance

- OUTAGE SERVICES
- PREVENTIVE & ROUTINE MAINTENANCE
- CAPITAL CONSTRUCTION
- SPECIALTY SERVICES
- STAFFING SOLUTIONS

### Utility Support Services

- LIMESTONE GRINDING
- SILO O&M
- FGD AND WWTS O&M
- LEACHATE DISPOSAL
- OTR HAULING
- DBO PROJECTS
- COAL HANDLING



**Charah  
Solutions**

Service Above All®