



POWER GENERATION AND TRANSMISSION



LANDMARK ENVIRONMENTAL, INC.
INNOVATION. SOLUTIONS. EXPERTISE.

Creating Value— Power Generation and Transmission

Landmark has been providing high-value consulting services for the Power Generation and Transmission industry since our inception in 1999.

Landmark's professionals create value for our clients at all phases of the project life cycle: from due diligence, through permitting and planning, during construction, operations and maintenance, emissions control system upgrades, abatement or remediation, to final site restoration.

We effectively deliver highly focused professional and technical services in more than 30 states. Our extensive experience and outstanding reputation in the business and regulatory community enable us to leverage capabilities that range from technician support to program management in the following specialties:

Facilities Safety and Industrial Hygiene

- Industrial Hygiene (IH) assessments
- Loss Prevention and Control (LPC) audits and procedures
- Environmental Health & Safety (EH&S) monitoring
- Asbestos and lead surveys
- Welding fume assessments
- Hexavalent chromium assessments
- Noise hazard surveys
- Flue gas and fugitive dust monitoring
- Confined space entry design and management
- Construction document development
- Workers' compensation investigations

Environment

- Impact assessment/permitting
- Site investigations (soil and groundwater)
- Fly ash and bottom ash beneficial use design, engineering, and operations
- Due diligence
- Water quality
- Remediation and management
- Easements, right-of-way, and land use
- Light and noise assessments
- Regulatory coordination
- Litigation support
- Risk management support



Value Focus

We focus on our customers' success and the value we help create in the following ways:

- We support cost-effective projects through loss prevention and risk control.
- We enable our customers to produce energy cleanly and safely.
- We conduct IH and safety projects with an emphasis on identification and resolution of priorities only after the site-specific conditions are clearly and completely understood.
- We promote safety through communication, training, and auditing.
- We navigate state and federal requirements by carefully tracking trends and impending changes.
- We promote transparency and fairness in regulation, including leveraging key automations in sampling and permitting.

Technical Excellence

We work with operations, construction, and development project teams. Our experience includes successful projects completed during facility upgrades, maintenance, and demolition.

Operations

- Identified key process safety improvements for welding, plasma cutting, and arc gouging of stainless steel during scheduled maintenance of a boiler for a 430-megawatt generating unit
- Identified cost-effective improvements in ventilation and worker exposure controls for hexavalent chromium during an outage at a coal handling yard at a 1.2-gigawatt electrical generating station

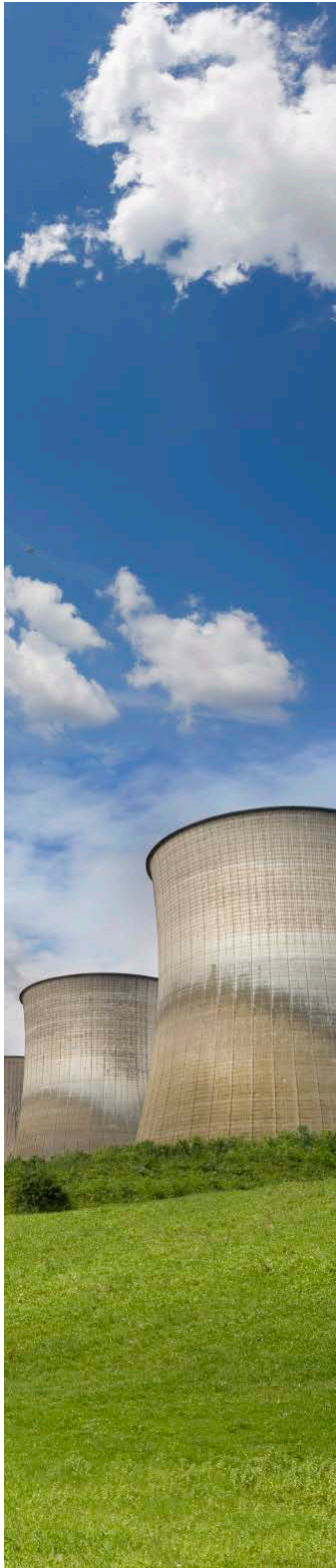
Construction

- Effectively controlled potential worker exposure risks during demolition of two out-of-use electrostatic precipitators (ESPs)
- Proactively discovered unforeseen asbestos and lead hazards prior to demolition of a 20-story recovery boiler
- Developed and implemented an asbestos data quality and management system that increased reliability and improved user-interface with thousands of data points

Redevelopment

- Strategic advisory and risk management services for five power plant demolition and redevelopment projects resulting in 1,000 acres developed
- Used ash from two power plants to increase the elevation and structural strength of infill needed to complete industrial development





Capable and Responsive Across the Asset Life Cycle

Our clients in the Power Generation and Transmission industry face challenges of rapidly growing operational costs while striving to be good environmental stewards. The primary goal of our work is elimination of industrial hygiene-, safety-, and environmental-related losses that negatively affect productivity, business operations, and site development. Our Industrial Hygienists, Environmental Engineers, Geologists, Safety Professionals, and Analysts go beyond conventional solutions by implementing innovative strategies in all phases of the Asset Life Cycle, including:

- Operational compliance
- OSHA Process Safety Management (PSM) and EPA Risk Management Program (RMP)
- Physical inspections and air flow measurements for industrial local exhaust ventilation (LEV) systems
- Noise exposure investigations for occupational exposure
- Project design and strategic implementation for classification of confined spaces
- Demolition, abatement, construction operations and restoration
- Abatement and demolition loss prevention inspection/quality systems/management
- EH&S services for commissioning/decommissioning
- Development, due diligence, economic analysis
- Environmental feasibility studies
- Facility and environmental due diligence
- Compliance-related economic consulting
- Program support, analysis, and consultancy
- Safety and compliance advice, management, and control
- LPC project controls/cost tracking and management
- Value engineering
- Tendering procedures

How Landmark Is Different from Our Competitors

- We are a nimble and responsive, owner-operated firm offering high-value, yet cost-effective, senior expertise without the many operational encumbrances associated with some of the larger environmental firms.
- Our staff members have strong credentials as Subject Matter Experts (SMEs).
- Ownership thinking and problem-solving are ingrained in our culture.
- We have an excellent Experience Modifier Rate (EMR)—among the lowest in the industry.

Outstanding Safety Record

Safety is a driving force of redevelopment and construction operations, and our team promotes safety as the routine way of doing work. Landmark has a strong history of safety performance, a culture of sharing best practices and lessons learned, and a robust behavior-based safety program. Our Zero Injuries goal has been met during 500,000 work hours on projects over 10 years, with no fatalities and no days-away-from-work incidents since our business inception.



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