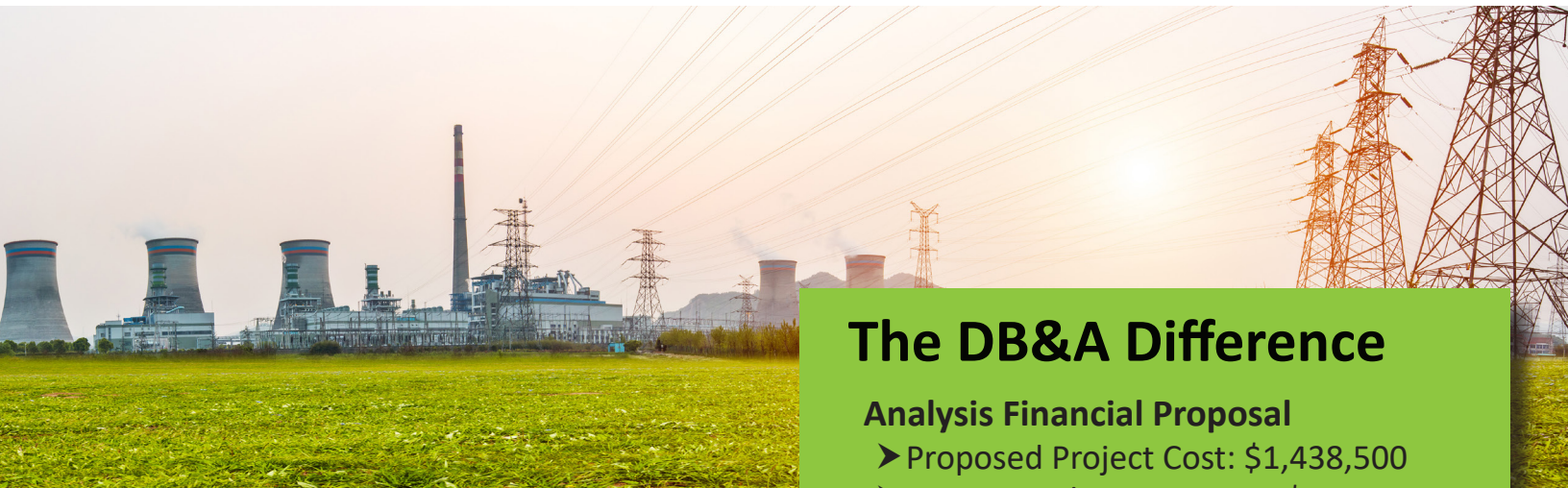




## Culture Change Energizes Midwest Coal Plant

An energy provider in the Midwest was looking to keep a major fossil fuel powered asset in service amid an ever-increasing reliance on renewable energy. With the reliance on coal decreasing and the costs of generating electricity with coal increasing, the client was struggling to adapt to new operating conditions. The company could only operate the coal plant during times when the need for energy spikes, mostly in the heat of summer or the cold of winter. Due to the monumental investment that the company made in the plant they decided to keep the plant operational instead of decommissioning the facility. The client needed to take a coal plant that was designed to provide energy 24/7/365 and cut its operations back to a supplemental schedule.



The client chose to work with DB&A to keep the plant operational, even if on a limited schedule. DB&A engaged with the client to establish a new daily operating cadence and maintenance regiment to address the wear and tear of the machinery that was designed to run full-time. This approach required the establishment of new Preventative Maintenance (PM) schedules, the creation of standardized work for supervisors to track progress of tasks on a day-to-day and intra-day basis while focusing on the cost constraints of the new operating environment.

DB&A worked with the leadership team and front-line managers to keep the plant running efficiently during times of peak demand and to maintain the equipment so the plant could remain operational and profitable. By introducing and implementing a new operational culture the facility was able to drive dramatic improvements in productivity of the Mechanics through improved

planning, purchasing, setting of expectations, and execution.

Overall overtime spending for Maintenance Mechanics was reduced by \$105,000 annually and overall productivity was improved by 16%. In addition, by improving equipment reliability, the overtime pay for the Operations team was also reduced by 17.8%. Overall DB&A offered \$1.56MM in guaranteed annual savings and completed the project with \$1.8MM in annual savings.

### The DB&A Difference

#### Analysis Financial Proposal

- Proposed Project Cost: \$1,438,500
- Guaranteed Savings Rate: \$1,566,053
- Guaranteed ROI: 1.09:1

#### Actual Financial Results

- Actual Project Cost: \$1,438,500
- Annualized Savings Rate: \$1,805,650
- ROI: 1.25:1

Since 1987 DB&A has provided cross-industry management consulting delivering 15-20% in operational and financial improvements to our clients with a financial guarantee. We deliver customized solutions that maximize existing resources to increase efficiency, capacity, and productivity. Our approach is to work with all levels of management to transform management culture in order to drive accountability where it matters most: the front-lines. For more information visit [www.dbareresults.com](http://www.dbareresults.com) or email [contact@dbareresults.com](mailto:contact@dbareresults.com)