



TESTIMONIALS

"This project was completed on time, and within our cost parameters. The results we see today are very strong. And equally important for us was the Groome / ExPro team ensured the entire operation was turnkey so we didn't have to worry about the coordination of any logistics or related projects. We'll plan to use the same team again for our next maintenance project."

~ Manager at Midwest Combined Cycle

"The complete turnkey nature of how the Groome team worked was exactly what our facility needed. The maintenance work was highly successful, as the cost savings – from reduced fuel and energy consumption – was another end goal of having the work completed."

~ Manager at East Coast HRSG

CASE STUDY FOCUS

KinetiClean – Results of Routine Use of the Technology



CLIENTS

Midwest Combined Cycle, East Coast HRSG

For this combined case study example, we look at the outstanding results achieved by two separate locations that each completed routine cleaning with the patented KinetiClean technology.



BACKGROUND

In the Midwest, the plant Groome cleaned has four GE 7FA gas turbines equipped with Aalborg HRSGs, in a 2x1 combined cycle configuration. On the East Coast, the facility has two GE 7FA gas turbines equipped with Aalborg HRSGs, in a 2x1 combined cycle configuration. Each facility recognized the need for comprehensive maintenance services for its HRSG tubes.



OBJECTIVE

Both facilities looked to gain improved performance with complete and thorough cleaning work, yet also looked for a provider who could complete the task in a completely turnkey manner with every detail and every logistical task taken care of by the maintenance team. Both customers had previously used a different vendor and different technologies (including ice blasting) during their last outage, and were looking for a better result with the Groome team.

As well, each facility looked to both benefit from fuel savings and improve overall plant performance.



SOLUTION

Both facilities utilized Groome's patented KinetiClean technology to clean tube bundles. Groome ensured that the cleaning process was completed as swiftly as possible to reduce the amount of downtime. Teams of between six and eight workers on the job worked around the clock in consecutive twelve-hour shifts of cleaning.



RESULTS

The results for both facilities exceeded customer expectations. More than four tons of waste was removed from each location, with no recorded damage. After the maintenance work was complete and the customers were back up and running, both the Midwest and East Coast facilities reported substantial yearly fuel and energy savings. The ROI for these locations is 12 months or less.

