



FIELD NOTE

Loci Controls Automated Landfill Gas-Collection System Increases Power Plant Uptime by 5% Over a 12-Month Period

Customer Problem:

A landfill operator with a gas-to-energy plant experienced frequent facility shutdowns due to air intrusions that required significant time and resources to find and fix.

Loci Solution:

Loci Controls Sentry wellhead and header monitoring hardware, allows for real-time gas-composition monitoring at collection wells, as well as providing header monitoring. With Loci Controls automated gas collection, air intrusions from leaking valves, fittings, or wells can be immediately identified, and corrected, eliminating air intrusions and preventing power plant shutdowns.

WHY LOCI?

With financial, operational, and environmental benefits, Loci Controls' product / service suite helps streamline and optimize facility management and gas collection for power-plant operators and landfill owners alike.



INCREASE REVENUE

- Maximize methane gas flow
- Optimize gas composition
- Automate real-time wellhead adjustment and data collection
- Boost plant uptime



DECREASE COSTS

- Lower labor costs for wellfield tuning and O&M
- Reduce equipment maintenance costs

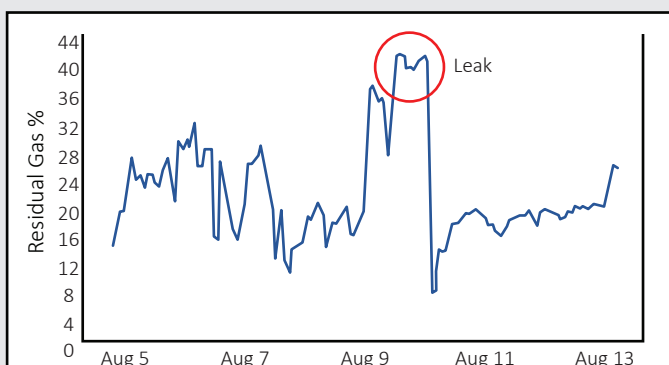


REDUCE RISKS

- Reduce fugitive LFG emissions
- Prevent significant maintenance issues

Results

Early alerts enabled early action, and uptime at the plant and increased revenues. For this facility, faced with marginal economics, this increase in power plant uptime resulted in a significant overall profitability.



When oxygen levels go out of normal thresholds, Loci alerts the customer and they are able to solve leaks before they result in a shutdown.

All Loci-optimized installations are supported by both LFG analysts, who remotely review data and alerts, and on-the-ground field technicians, who perform routine calibration, maintenance, and customer support.



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