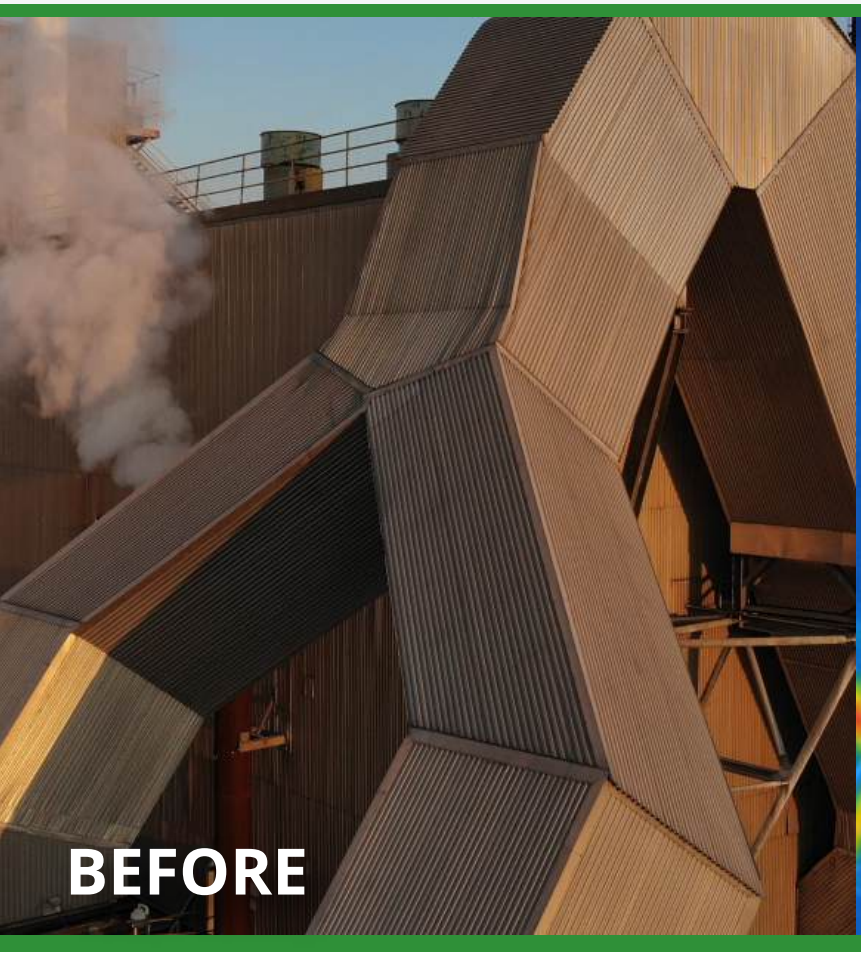
Industrial Efficiency Program (IEP)



TOTAL SYSTEM APPROACH

The Industrial Efficiency Program (IEP) uses cutting-edge technology to provide a multi-faceted examination of your systems.

Our IEP technicians have 40+ years of experience in exploring plant production systems to identify ways to create energy savings and reduce emissions through optimal system performance. The IEP leads the industry through its one-of-a-kind comprehensive internal inspection, external visual, and thermal analysis of your production system.

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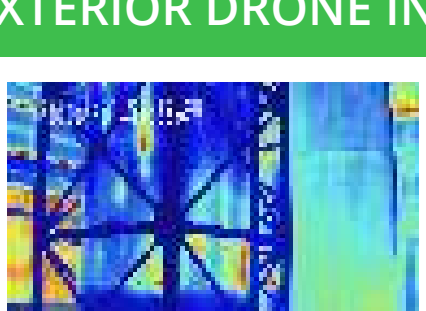
IEP VALUE

SAFETY	REDUCE EMISSIONS	PLANT EFFICIENCY	OUTAGE PRODUCTIVITY	NO SHUT DOWN REQUIRED
Easy access to hard to reach and dangerous areas.	Examine problematic areas and create opportunities reducing carbon.	Analysis that provides data to develop solutions for increased throughput.	Knowledge for better planning and resource allocation.	All testing is conducted while systems are fully operational.

EXTERIOR DRONE INSPECTION



Our IEP drone found an issue on hard-to-see back of gooseneck ductwork.

Temperature onsite= 85

Temperature at issue = 55

This indicates air in-leakage. The outside air is being sucked into the duct at a force great enough to create the significant temperature drop.

INTERNAL SYSTEM ANALYSIS

Draft system testing indicated 20% Air In-Leakage.

Results →

Excess fan horsepower
Cost = $108,000/yr
(Mass Flow Rate Differential Calculation)

SCAN HERE

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