Universal Compressed Air

ENERGY STAR PARTNER

# UCA | Project Case Study: Wastewater Treatment

## Delivering Compressed Air as a Service:

Universal Compressed Air (UCA) installed a fully managed modular blower system as a service to reduce costs and modernize aeration while maintaining continuous operations. Designed with built-in redundancy, the system delivers 15,000–25,000 SCFM of low-pressure air, ensuring reliable performance and improved process control. UCA contractually guarantees uptime, performance, power, pressure, and flow.







## Key Benefits of UCA:

- Highest Reliability / Uptime
- Lowest Total Cost
- Lowest Power Consumption
- Collection & Analysis of Plant Metrics
- No Capital Required
- Guaranteed Performance, Reliability & Energy Savings
- Known Expense Over the Agreement

## UCA Does More...

UCA deploys the DBOOM Model (Design, Build, Own, Operate, Maintain) to solve issues related to not only blowers but also to address the full list of plant infrastructure systems below:

- Compressed Air
- Vacuum
- Cooling Systems
- Heat Recovery
- Advanced Controls
- Substations
- Power Control Systems
- Flow Metering
- Piping Distribution

## Project Overview:

**100%**
Guaranteed Uptime

**>50%**
Cost Savings (>$40k per month)

Up to **25%**
Lower Energy Use

**+290 DATA Points**
Full SCADA Monitoring & Control

No Capital Required

**3 mg/L**
Precise DO Control