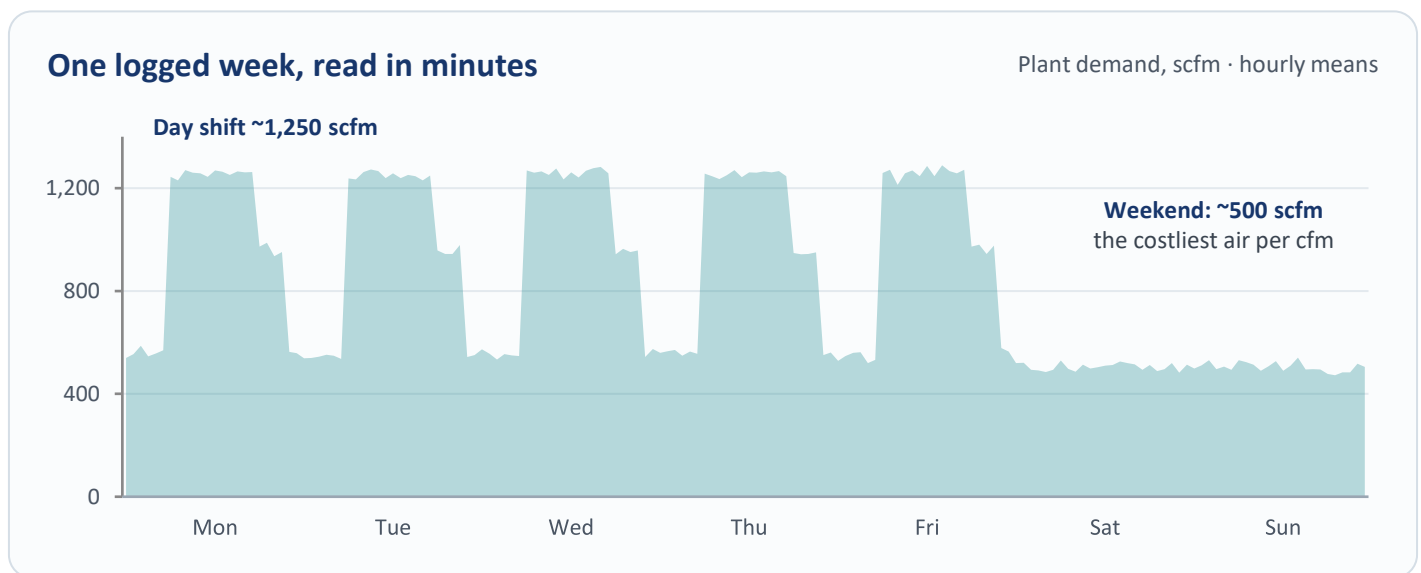




Measure the supply. Prove the savings.

CAS ASSIST™ turns compressor, controller and logger data into a customer-ready assessment of the supply side: compressors, controls, dryers, filters and storage. Every finding points back to the logged minutes that prove it.



3,868

load cycles in one week from a single 450 scfm unit that is short-cycling

+27%

more energy per cfm at night:
23.1 vs 18.2 kW per 100 scfm on full shift

≈90,000

kWh a year to recover if nights ran as efficiently as the day shift

How it works

1 • Collect

Nameplates, loggers and a Field Log, guided by a one-page Field Sheet.

2 • Import & align

Any logger CSV. Clocks are lined up and gaps handled openly.

3 • Analyze

The system mapped step by step, each step checked against the last.

4 • Report

Charts, findings, savings, appendices and index in Word or PDF.

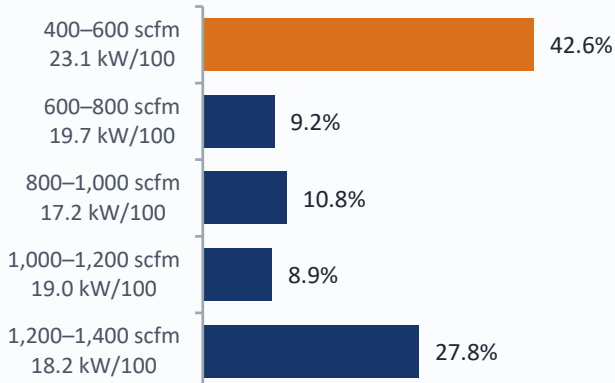
Charts and figures: one simulated week of a three-compressor plant (CAS ASSIST™ plant simulator). No customer data. Energy figure assumes the overnight band ran at the day shift's kW per 100 scfm.

From raw logs to findings you can defend



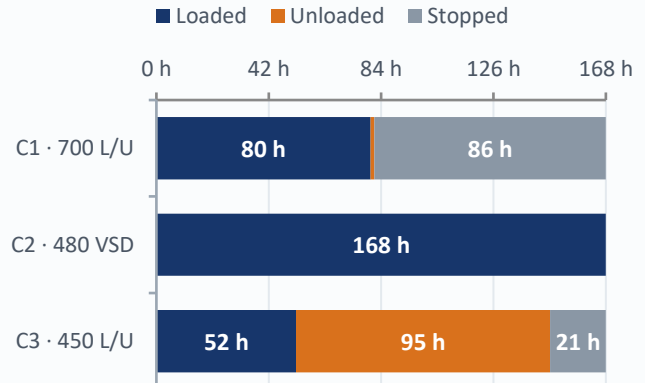
Where the hours go

The plant spends 43% of its hours at low flow, where each cfm costs the most.



Running isn't working

Hours in one week, per compressor. C3 ran 95 hours making no air.



What CAS ASSIST™ finds

Every entry checked

Setpoints, amps, ratings and storage tested against the logs; wrong entries flagged, guesses never used.

Pressure to the far end

Each compressor's path to the far end of the system: the extra pressure it builds, its cause and its cost.

Real unit performance

Where each unit really cuts back, its full output (modulating units too), delivered flow and part-load penalty.

Supply-side health

Aftercoolers, dryers and filters, storage, leaks and purge, trips and ride-through, and capacity at peak.

Controls and response

Which units should run at each demand within each motor's start limits, control gaps, short-cycling and response.

Demand, KPIs and CAGI data

Load profile, pressure statistics and specific power; 4,372 CAGI sheets built in, centrifugal blow-off.

Built for the field

Runs on your own computer, with no internet needed for the analysis.

Your data stays on your computer. The only thing sent out is a weather lookup: the site's location and dates.

Each site folder holds the register, Field Work, logs, assessments and reports together. US or metric, light or dark.

See it on your data

A guided demo on sample data or on your own logs.

<https://www.casassist.com>

casassist@casassist.com



Scan to visit the website and book a demo.

Charts: one simulated week of a three-compressor plant. No customer data.

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