

Case study

Beverage plant with CALMS optimization



CASE Study:
CALMS FLOW CONTROLLER
SOLVED PROBLEM WITH
CONNECTING TWO 10 BAR
AND 7 BAR SYSTEMS.

Beverage company – connecting 10 bar and 7 bar systems

Result For Flow Controller Installation

- Reduced energy consumption: more than 35 %
- 10 bar system: VSD compressor N45 has 4 kW avg. power increase, compressor is running in more efficient 35% load - before 25% load (not efficient part of U-curve)
- 7 bar system: compressor has zero starts and no energy consumption (15kW reduction)
- Overall Energy savings
- Reduced service cost and reduced risk of downtimes because of compressor failure



BEFORE and AFTER graphs:

