

Save Thousands of \$\$, Conserving as Much as 35% in Energy

Do you know the specific kWh/cf*100 of your compressor system?

It's the key performance indicator, the benchmark of your compressor's efficiency.

Hoetzel said he is especially excited about the rollout of the Airleader in the United States. SIGA Green Technologies spent the last six months testing and monitoring compressor systems in the Grand Rapids area.

"Our initial market test provided solid data and excellent Return on Investment. At one test site we discovered as much as 35% or \$40,000 of wasted energy because the compressors did not relate to the varying demands in the plant," he stated. Both the generation and demand for compressed air need to be in balance. The Airleader's eight-fold, self-learning trend calculation provides dynamic control; it synchronizes and optimizes the running time of each compressor station with significant energy savings opportunities of up to 35% or more.

Additionally, the Airleader provides real-time statistics; graphs and reports about cost, volume, performance, waste and much more, making your compressed air system transparent and easy to understand.

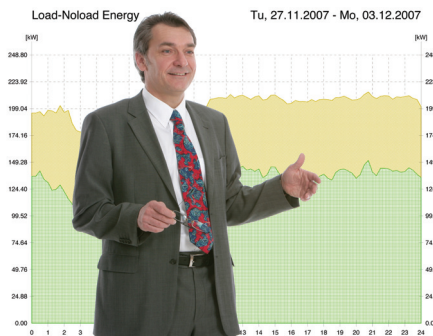
"Compressed air is one of the most expensive sources of energy used in manufacturing and is often used very wastefully. Many companies don't realize how vital the management of compressed air systems is to achieving substantial energy savings, increased performance and equipment life, reduced service costs, improved system reliability and air quality."

Historically, companies with a focus on

sustainability have been concerned with the demand side of their air compressor systems; that's naturally where they have to start to improve system efficiency. However, it's the generation side that offers huge energy savings and that's where the Airleader is so crucial.

"We have seen ROI of less than six months. More importantly, although not a part of our initial market study, is the Airleader's ability to improve system reliability and compressed air quality. Airleader's text message and e-mail alert system provides an early indication of system malfunctions; contaminated compressed air never reaches your finished products, avoiding expensive rework and scrap," he said.

Miles per gallon approach



"Since compressed air is one of the most expensive sources of energy used in manufacturing, we urge you to monitor the cost of your system. We call it the 'miles per gallon approach,'" explained Hoetzel.

"Specific energy input related to a specific compressed air output (kWh/cf*100) is a benchmark of your system's efficiency. If you don't know the kWh/cf*100 of your compressed air system, make it a priority to add this to your 2008 key performance measures."

Hoetzel summarized by saying, "With this important measurement in place, we are confident you'll discover significant energy savings from the generation-side of your air compressor system. Our client companies can confidently use the new Airleader systems and related measures to take an active role in responsible energy conservation thereby helping pave the way for the next generation of efficient manufacturing."

Interested in your savings potentials? E-mail us at info@sig-greenec.com or call (616) 828-0716.

Airleader's site evaluation software monitors and visualizes the efficiency of multiple compressor stations. "The yellow is waste which we can minimize to less than 1% with the Airleader," Hoetzel explains during a presentation at one of the test sites.

Competence for your compressed air station

- Automatically optimized
- Self-learning
- Simple installation
- Simple operation

airleader
Compressor management