

AC Systems Increase Efficiency while Saving on Energy.

It just makes sense. Today's AC drives and motors offer lower utility bills, improved power factor and less maintenance than the DC drives and motors of the past - many times creating an ROI in less than 24 months and satisfying company conservation initiatives too. Rather than throw away money to repair broken DC components, upgrade your facility to AC and benefit from better performance and lower energy costs.

Most facilities are now converting from DC to AC and Tighe Industrial's experienced staff can provide a turnkey solution including:

- Planning the retrofit
- Installing the system
- Providing the proper documentation
- Training your maintenance staff

In most instances, our clients can expect to see a 20-30% energy savings. We will also run a pre- and post-analysis to determine your estimated energy savings and even help you navigate receiving additional energy credits that might be available from your energy provider.

Save some green and go green - Upgrade from DC to AC today.



BEFORE



AFTER



BEFORE



AFTER

Typical Cost DC vs AC

250hp DC
 $114kW \times 24/7 \times 50 \text{ weeks} \times \$0.15 = \$143,640$

250hp AC
 $102kW \times 24/7 \times 50 \text{ weeks} \times \$0.15 = \$125,520$

\$15K in annual savings, not including Power Factor penalties (\$5K-\$10K) & DC maintenance.

ADVANTAGES OF AC vs DC

- AC is more efficient than DC
- Lower utility bills
- Improved power factor
- Improved performance
- Less maintenance
- Longer life span
- Latest technology
- Cost competitive
- Increase line speed

SERVICES PROVIDED

- Pre- and Post-Energy Savings Analysis
- Provide a solution with documentation to justify expense
- Plan retrofit & complete system installation
- Train your maintenance support staff to ensure familiarization

Schedule your DC to AC Retrofit today!
877-879-1350

TULSA OFFICE
 10205 E. 61st St.; Suite B
 Tulsa, OK 74133
 Phone: 918-994-4200
 Fax: 918-994-4203

DALLAS/FT. WORTH OFFICE
 6387 Camp Bowie Blvd.; Suite B-252
 Fort Worth, TX 76116
 Phone: 817-228-7602



PARTS SALES & SERVICE

With decades of experience using multiple product brands, we believe that offering clients a portfolio of product options is a key to success. We will recommend a product solution that is proven, reliable and appropriate for your specific need.

The following list represents the key product lines we sell and service:

MOTOR CONTROLS



MOTORS



LINE & SIGNAL CONDITIONERS - FEEDBACK & TENSION CONTROL



PLC's



Our Service Offerings Include:

- 24/7 Service
- Product Sales and Support
- AC and DC Drives, PLC and HMI
- Installation and Start-Up Support
- Board Repair
- Motor Soft Starters
- Servo Systems
- Control Devices
- Scheduled Maintenance Programs
- Machine Control Retrofits
- Programming and Designing
- Predictive Maintenance
- Training
- SCADA
- Gear Boxes
- Panel Building