



Quad Plus™

POWER COMPANY APPROVAL For Shredder Drives

Considering a car shredder? Quad Plus can help you get approval from the power company. We can perform a power study which will model the shredder on the local power grid and show the effect it will have on the electrical system. For most sites flicker will be the most serious issue, but we can also model other power quality issues such as harmonics and power factor. We work with all types of electric motors in addition to your downstream and auxiliary equipment.

- DC Shredder Drives
- AC Wound Rotor Drives
- AC Squirrel Cage Motors



SOLVE EXISTING PROBLEMS WITH A POWER ANALYSIS

If you have an existing problem with the power company, our engineers can determine the source and recommend solutions. Our engineers have traveled worldwide to seek out the source of abnormal voltage fluctuation and current distortion, plus a host of other issues. Drawing on our vast and varied experience, and using the appropriate measuring and modeling tools, we will assist you in resolving your electrical power issues and improve your profitability.



POWER STUDY REPORT

All the data you need for negotiations with the power company to get approval for your mill.

- A power single line diagram of the facility
- Flicker analysis
- Our findings compared to power quality standards
- Recommendations for meeting IEEE and local quality standards in the most cost-effective manner

OPTIONAL SERVICES AVAILABLE

- Fill out power company “new service request” forms
- Present the power study to the power company and attend meetings
- Help to get an estimated power bill
- Advice for lowering your power bill



About Quad Plus

Quad Plus provides industrial control systems, solutions, and services. We offer an uncompromising level of service and expertise to maintain our customers' productivity. Our extensive process knowledge spans from the utility pole to the motor shaft. With an on-going commitment to follow-up service, parts, and repairs, we are all you need for continued success.

We are recognized in the field as a leader in drive and motor control. Solutions are designed in-house through research and development tailored to meet each client's specific needs. Our design staff includes electrical, mechanical, civil/structural, chemical, and controls.



FACILITIES

- Chicago, IL
- Atlanta, GA
- Appleton, WI
- Houston, TX

SATELLITE FACILITIES

- Boston, MA
- Evansville, IN
- Fort Myers, FL
- Mobile, AL
- Cleveland, OH
- Bend, OR
- Los Angeles, CA
- Kansas City, MO

LARGE DRIVES - AUTO SHREDDING



INDUSTRIAL APPLICATIONS



OIL, GAS and MARINE



POWER SERVICES



INDUSTRIAL SAFETY SERVICES



**Modern Thinking
Better Design**



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