

Harmonic Analysis Service

WHY DOWNTIME OCCURS

Studies have shown that over 80% of system unreliability is attributed to a poor site infrastructure. Miswired AC receptacles, poor grounding, noise, and poor power quality are the key culprits. In addition, Harmonics pose an additional risk to unreliability since they cause spurious equipment failures that are difficult to diagnose and correct.

HOW CUSI CAN HELP

If you are suffering from chronic system downtime, Customized Uptime Solutions (CUSI) can assist. CUSI offers a comprehensive service for evaluating your facility to determine the presence of harmonics and provide design changes and recommendations for corrective action to eliminate the problem.

WE ARE THE EXPERTS

Our services provide ease of implementation and delivery because they include the same deliverables regardless of the site location or configuration. Using our certified Site Quality Engineers (SQE), Customized Uptime Solutions provides a consistent solution completed the same way every time. Its that easy. Contact the experts in site reliability, Customized Uptime Solutions.

Our Harmonics Analysis Service includes:

- ▶ Monitoring of the Main Electrical Service Entrance to determine presence and magnitude of the Harmonics within the facility
- ▶ Based on the symptoms, monitor at the equipment or circuit to pinpoint the source of the harmonics to develop a correction plan
- ▶ Develop a comprehensive profile of the Harmonic conditions
- ▶ Formal report noting trouble areas and recommended solutions
- ▶ Based on the findings, develop and implement a corrective action SOW
- ▶ Conduct a final survey to verify results of the corrections and success

CUSTOMIZED
OPTIME
SOLUTIONS

Customized Uptime Solutions' Harmonic Analysis Service offers you a single-point solution for ensuring high system reliability!

Harmonic Analysis Service Questions to Ask Yourself and Your Facility Personnel

- ▶ Are you experiencing symptoms like: transformers/equipment overheating, motor drives tripping offline, intermittent circuit breaker tripping/fuse failures, hardware reliability and performance problems?
- ▶ If yes, how long has the problem occurred?
- ▶ What is the frequency of the problems (daily, weekly, monthly)?
- ▶ Does the problem appear to be localized or facility wide?
- ▶ What is the age of the facility where the problems are occurring?
- ▶ Has any major electrical work or equipment upgrades recently been completed?
- ▶ Have you been experiencing computer and network problems on a regular basis?

Answers to These Questions and CUSI's Highly Trained Team Can Solve Your Reliability Problems!



Benefits to your Enterprise

- ▶ Reduces energy consumption and cost
- ▶ Fast return on investment
- ▶ Improved productivity and profitability
- ▶ Ensures your electrical system is safe and reliable
- ▶ Single point of contact eliminates stress and resource expense
- ▶ Ensures higher equipment uptime and reliability

For more information about CUSI's extensive site reliability services, please contact:
Customized Uptime Solutions, Inc. PO Box 105, New Albany, OH 43054
Email: info@cusi.biz | Website: www.cusi.biz | Phone: (614) 499-3606

CUSTOMIZED
OPTIME
SOLUTIONS