



Power **CET**[®]

CONSULTING
EDUCATION
TRAINING

experts in **power quality**
and the **electromagnetic**
environment

CONSULTING

EDUCATION, TRAINING, SPECIAL PROGRAMS

FORENSIC STUDIES AND
EXPERT WITNESS SERVICES

POWER QUALITY TEST EQUIPMENT
SALES & RENTAL
APPLICATIONS SUPPORT



The logo for PowerCET, featuring the word "PowerCET" in a white, sans-serif font with a registered trademark symbol, set against a dark blue background with a glowing circuit board pattern.

WORLD-CLASS CONSULTING, EDUCATION
AND TRAINING SERVICES WITH OFFICES
IN NORTH AMERICA AND CLIENTS
AROUND THE GLOBE

QUALIFIED, EXPERIENCED PROFESSIONALS DEDICATED TO REAL WORLD SOLUTIONS

Since 1986 PowerCET has focused on enhancing the productivity and reliability of electronic equipment and systems operating in an increasingly complex electrical environment. During this interval, the complexity of electronic equipment, the potential for interaction between equipment, the reliance upon the equipment for day-to-day operations, and even the overall economic viability of modern-day companies have all increased dramatically. PowerCET approaches the problems posed by power quality, equipment compatibility, and electromagnetic interference in the same careful, pragmatic manner. No modern electronic device is totally immune to its environment. PowerCET has the experience and knowledge to investigate and resolve the problems.



OUR INTERESTS ARE YOUR INTERESTS

Whether we are recommending a solution, instructing you on power quality principles or investigating the causes of a problem, there is never a hidden agenda with PowerCET.

PowerCET has distributor agreements with the top-selling brands of power, energy and power quality instruments and accessories. So we are in the unique position to recommend the right equipment and to tailor the correct system for your specific needs.

WORLD CLASS SERVICE TO WORLD CLASS COMPANIES

Thousands of individuals have participated in PowerCET training and educational seminars, workshops, and courses. Among hundreds of consulting clients are federal agencies and many Forbes 100 companies from the healthcare industry, financial institutions, semiconductor fabricators, data network and telecommunications facilities, and electric power utilities.

Join the growing number of companies that rely on PowerCET for solutions.

PowerCET Corporation

Headquarters

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POWER QUALITY MONITORING SERVICES AND EQUIPMENT

PowerCET offers power quality monitoring services as well as sales and rentals of power quality instruments and accessories.

PowerCET's power quality monitoring services include installation, monitoring, data analysis and report preparation. Client reports and monitoring data can be posted on a password-protected website or emailed.

As industry-recognized experts and authorized distributors for many of the most popular brands of power / energy / power quality analyzers, PowerCET can recommend the correct analyzer configured and accompanied by the appropriate probes and other accessories to meet the each client's unique requirements.

PowerCET also offers application support and review of the collected data as part of its comprehensive rental program.

EDUCATION, TRAINING, SPECIAL PROGRAMS

PowerCET educational courses are designed to provide participants with a working understanding of the causes of and solutions to power quality problems. Courses range from one-day intensive seminars to in-depth three-day sessions.

PowerCET also offers a wide variety of skills-based instructional courses designed to bring participants up to speed on the use of power quality analyzers, energy analyzers, harmonics analyzers and other instrumentation systems. Students completing a PowerCET educational experience are armed with the knowledge to make an immediate contribution.

In addition to classroom-based public courses, PowerCET also offers custom in-house courses, Web-Classroom programs and Courseware (CD/DVD/VHS) instruction.

COURSE TOPICS INCLUDE:

Power Quality Problems, Analysis and Solutions

Power Frequency Harmonics & Reactive Power

Lightning & Transient Protection

Event Waveform Analysis (Recorded Monitoring Data)

Operational Skills on a Variety of Systems and Equipment

Courses can be tailored for in-house programs.



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PowerCET conducts facility audits and investigations directed at power quality and electromagnetic interference problems.

Additional services include lightning risk analysis, and facility-wide evaluation and hardening against the effects of lightning and transients.

PowerCET facility investigations follow a thorough, highly-structured format. This proven methodology pinpoints problems and solutions in an efficient, cost-effective manner. In addition to traditional power quality investigative and monitoring techniques, PowerCET's arsenal includes advanced approaches to gathering and analyzing data across the entire electromagnetic spectrum. Main Event, a proprietary data analysis software package, was developed as an out-growth of PowerCET's long experience in the power quality analysis field.



FORENSIC STUDIES

Utility companies and corporations must frequently determine the underlying causes for power-related phenomena that have resulted in property and equipment damage, injury and death. Unless careful forensic analysis can prove otherwise, they can face the prospect of expensive legal judgments returned by juries without command of the technical issues or exculpatory evidence.

EXPERT WITNESS CONSULTING

PowerCET brings the same logical and systematic analysis in arriving at the probable cause for the events in question as we do in our power quality consulting work.

An understanding of the myths, popular misconceptions and mistaken beliefs as they apply to electrical phenomena helps identify pitfalls and likely opposition strategies. And as accomplished classroom educators, PowerCET expert witnesses can explain complex issues in clear, simple language, easily understood by non-technical members of a jury.

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