

## EDUCATION & TRAINING

DiGioia Gray understands the professional obligation and responsibility of sharing knowledge to enhance our profession. Our training and education programs demonstrate our commitment to this philosophy and our technical experts are available to provide instruction on transmission line, foundation, geo-hazards and substation engineering practices and related subjects. Our expertise in the Power Delivery industry allows us to tailor our on-site training sessions to address specific engineering interests,



as well as to target a specific audience based on their current engineering skill set. A keystone of our training programs has been our teaming relationships with prominent academic institutions. For example, DiGioia Gray has a teaming relationship with the University of Wisconsin where we offer classes for transmission line foundation design twice each year. The focus of this course has been the application of reliability-based design (RBD) methods and FAD Tools – a software package based on semi-empirical models developed from full-scale foundation load tests and calibrated for RBD. We also have collaborated with Penn State University to provide transmission line siting and design training for PSU's Advanced School of Power Engineering. In addition, several of our engineering staff members have served as adjunct professors at Carnegie Mellon University.

DiGioia Gray is frequently retained by utilities to provide in-depth, specialized training programs that focuses on the needs of individual clients. Popular topics that we have presented to clients and colleagues in training sessions include:

- Foundation Design
- Geo-Hazards
- Transmission Line Design, and,
- Reconnaissance, Siting, Maintenance & Inspections

Additionally, our technical experts have provided peer reviews, expert witness services for legal proceedings in county, state and federal courts, and have developed standards and manuals of practice, as well as specialized engineering design manuals. All of these occasions provide opportunities to share our knowledge with clients and colleagues. Please contact DiGioia Gray and let us help you develop a customized training program that addresses your company's needs and interests, and maximizes the practical value to your staff.