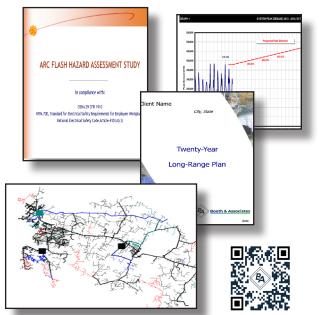


## SYSTEM PLANNING & POWER QUALITY

The System Planning and Power Quality Division provides our clients with operationally feasible and economically sound solutions to their planning and system validation needs. We offer a full range of system studies that assist our clients in operating an efficient, reliable electric system. With every project, we incorporate the principles outlined in our nationally-published manuals and seminars, ensuring we will meet and enhance your long-term competitive position.



## POWER QUALITY STUDIES AREAS OF SPECIALTY

- Arc Flash Hazard Assessments
- Distributed Generation (DG) Impact Studies
- Automation Integration Plans
- System Upgrades and Replacements
- Power Quality Transient Studies
- CVR Feasibilty and Optimization
- Interconnection Compliance Studies
- Software Training

## SYSTEM PLANNING OF AREAS OF SPECIALTY

- Long-Range Plans
- Arc Flash Hazard Assessments
- Construction Work Plans
- · Creation of System Models
- Capacitor Studies
- Protective Coordination
- Environmental Reports
- · Power Requirement Studies
- Motor Starting Analysis

## **PRIMARY CONTACTS**



BILL JORDAN, PE Vice President-Planning, System Studies,



NATHAN COOKSEY, EI Manager-Planning



www.booth-assoc.com | (919)851-8770 2300 Rexwoods Drive, Suite 300, Raleigh, NC 27607