

The Current Solutions Difference

Since 1998, Current Solutions, P.C. has established a solid reputation providing specialized Electrical Power System Engineering, Construction Cost Estimating and Consulting Services for buildings and facilities across the U.S. and Canada.

We serve building and facility owners and managers, developers, architects, contractors, electrical equipment suppliers, leasing agents, management companies, government agencies and fellow engineering firms.

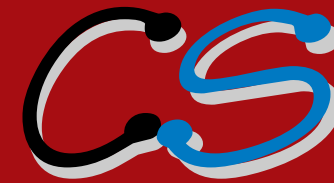
We strive to reduce project costs, meet deadlines and exceed expectations throughout each project phase, planning through construction.

We measure our successes through positive client feedback, repeat business and solid client relationships.



Selected Clients & Facilities

Adco Electrical Corporation
Ardsley School District
Beechnut Foods
Bell Atlantic
Belway Electric Company
Benfield Power Supplies Electric Supply
Black and Veatch Corporation
Bristol-Myers Squibb
Ciba Specialty Chemicals
Citigroup
CNBC
Coca-Cola Enterprises
Columbia University
DASNY
Eaton Corporation
EYP Mission Critical Engineers
Elmwood Country Club
Fisher Development
Fuller & D'Angelo, P.C., Architects & Planners
GEA Engineering, P.C.
Georgia Pacific
Greenburgh Central School District
Grenadier Realty Corp.
Halcyon Construction
Hugh O'Kane Electric Company
IVI International Inc.
IMTT Bayonne
Jones Lang LaSalle
LAN Associates
Laticrete International
Malcolm Pirnie, Inc.
Marriott Corporation
Modell's Sporting Goods
New York Life Insurance Company
O'Dea, Lynch, Abbattista Consulting Engineers
Pepsi Bottling Group
Philip Morris
Pustola & Associates
Regeneron Pharmaceuticals Inc.
Remax Real Estate
Seattle Department of Public Works
Southern Westchester BOCES
Square D
Syska & Hennessy
The Advanced Products Company
The Children's Village
Unitex Textile Rental Services
U.S. Armed Forces
Verizon Wireless
Warner Power
Westchester County Department of Public Works
West-Fair Electrical Contractors
Whiting-Turner Contracting Corp.
Yonkers Contracting



Current Solutions Professional Electrical Engineering, Estimating & Consulting



"Our Knowledge is Your Power"



Commercial Industrial Institutional Retail Social Municipal



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And Our Knowledge Power's Your Profitability!

The Solution Starts With Us.

Electric power is the central nervous system and lifeline for any building, facility or campus. And operationally, critical to the successful performance and cost efficiency of technology, equipment and operations.



The Current Solutions team of engineering professionals has the education and experience to help our clients navigate their systems complexity.

By applying our experience we help to identify, analyze and diagnose electrical ailments of an existing electrical system or can assist to design a new power system to accommodate today's business critical electrical requirements.

Our Client Goals:

- Operate Power System & Equipment at Peak Performance. (Power Availability, Efficiency, Reliability & Production)
Minimize Power Outages & Business Interruption.
Maximize Equipment Integrity, Useful Life, Processes & Production.
Improve Power Quality & It's Impact on Electrical Equipment, Technology & Production.
Minimize Safety Hazards & Liabilities, Due to Faulty Equipment & Emergency Plans.
Minimize Utility, Operational, Construction &/or Maintenance Costs.
Improve Electrical Knowledge of Facilities System Configuration & Condition.
Maintenance to Ensure Proper Operation of New or Modified Electric Loads.
Proactively Plan for Emergencies, Organizational Change & Growth.
Protect the Overall Property and Investment.

One point of contact, a full range of specialized services and personal attention to achieve your project goals.



Power Distribution System Consulting, Planning & Training

- Due Diligence & Feasibility
On-Site Power Assessment & Field Surveys
System Commissioning & Integration
NEC Code Compliance
Property Site Selection
Equipment Conditions Reports
Claims Analysis & Resolution Consulting
Expert Witness Consulting
Systems Trouble Shooting & Problem Resolution
Design-Build Engineering
Electrical Training
Safety Training & Procedure Development

Electrical Power Distribution System Engineering & Design

- Low, Medium & High Voltage Power Distribution
Disaster Recovery, Standby & Emergency Power
Generator Sizing & Transfer Schemes
Redundant Power & Mission Critical Systems
Co-Generation Systems
Power Factor Corrective Design
Conceptual Design
Power Quality Applications

Construction Cost Estimating

- Electrical Cost Estimates for Bidding, Planning & Budgeting
Design-Build Estimates
Quality & Cost Control Procedures
Value Engineering

Power System Analysis

- Short Circuit Studies & Calculations
Protective Device Coordination Studies
Equipment Evaluation Studies
Arc Flash Analysis
Load Flow Analysis & Studies
Motor Starting Analysis
Voltage Drop Studies & Voltage Flicker Analysis
Power Factor Analysis & Correction Studies
Harmonic Analysis
Power Quality Evaluations & Monitoring
Transient Analysis & Stability Studies
Availability & Reliability Studies
Generation & Emergency Power Systems Analysis

Construction Administration

- Electrical Project & Construction Management
Facility Construction Start-up Activities
Equipment & Construction Specifications
Preparation & Evaluation of Bid Packages
Contractor Qualification & Solicitation
Shop Drawing Development & Review
Preparation & Coordination of As-Built Documents
Field Inspections for Applicable Codes & Standards
Constructability Reviews
Project Close Out Activities



Commercial

Industrial/Manufacturing

Water & Waste Water Treatment Plants

Government / Public

Campuses

Pharmaceutical

Healthcare & Laboratories

Hotels/Hospitality

Technology & Mission Critical

Apartment & Condominium Complexes

Arts Centers & Cinemas

Conference Centers

Courthouses

Social Clubs

Prisons

Religious Institutions

Retail / Restaurants

Transportation

Universities

Warehousing

