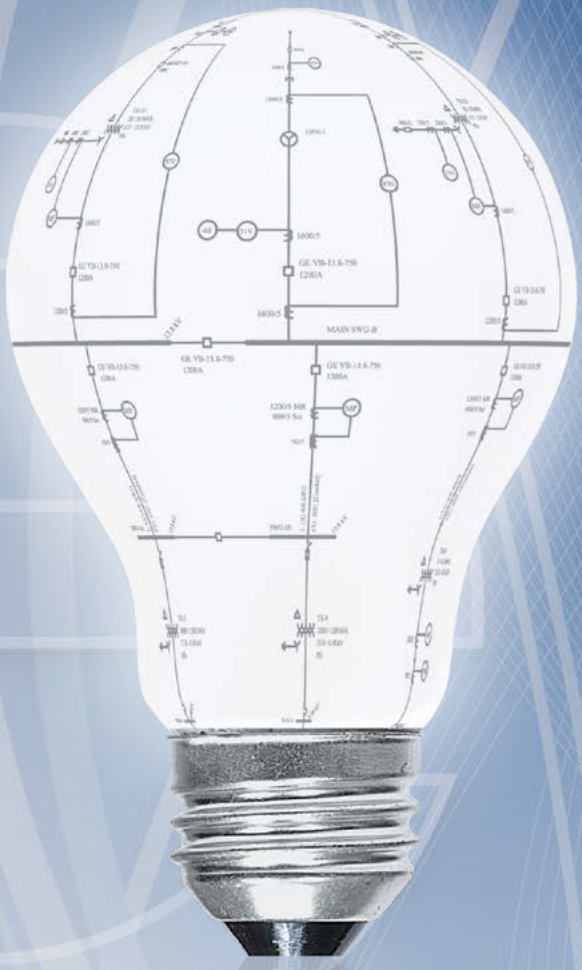
EasyPower®

Power made easy.

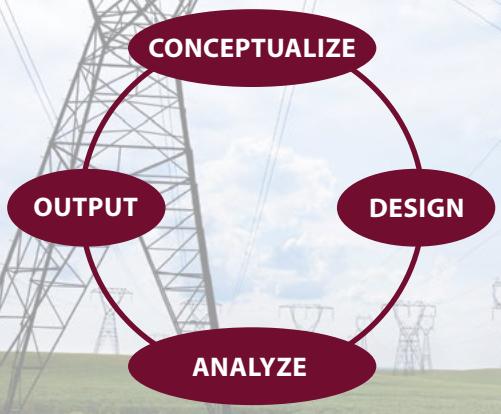


Power Made Easy

intelligent | intuitive | instantaneous

power system software

TRULY AUTOMATED POWER SYSTEM SOFTWARE



Time-saving features and incredibly simple tools reduce days of work into mere minutes. Model three-phase, single-phase and DC equipment on an integrated one-line diagram.

Instantly finish even the most complicated electrical design tasks, such as performing arc flash calculations, sizing equipment per the National Electrical Code, and creating full document sets for easy sharing.

EasyPower also provides the engineering rationale behind every calculation with automatically generated reports that immediately verify compliance and list all design parameters, protection settings, PPE requirements, and more.

Design Accurately with Automated Coordination

- Automated design and equipment selection to NEC codes
- Easily set up templates to match your in-house standards and local code
- Series coordinated breakers are selected automatically
- Get a comprehensive bill of materials—including detailed costs—with no extra work

Analyze Easily with Calculations Done for You

- Automatically validates ANSI and IEC standards on your design or existing facility
- Leading-edge technology provides the fastest, most accurate solutions
- Advanced IEEE 1584 arc flash hazard calculations are quickly done for you
- Fully automated PDC program to set devices with one click

Output Effortlessly with Integrated Reports and Documents

- Creating multiple drawing document sets, from templates, in mere seconds
- Output multiple drawings to any CAD program or full WYSIWYG printing
- Schedules linked to Excel and CAD for automatic updating
- Output integrates with Excel and Word for painless sharing and report production

Learn More Online

View larger screenshots and get free tools in our Arc Flash Resource Center.

Download a free demo copy.

www.EasyPower.com/demo

30-Day Unconditional Guarantee

IN JUST A FEW MOUSE CLICKS

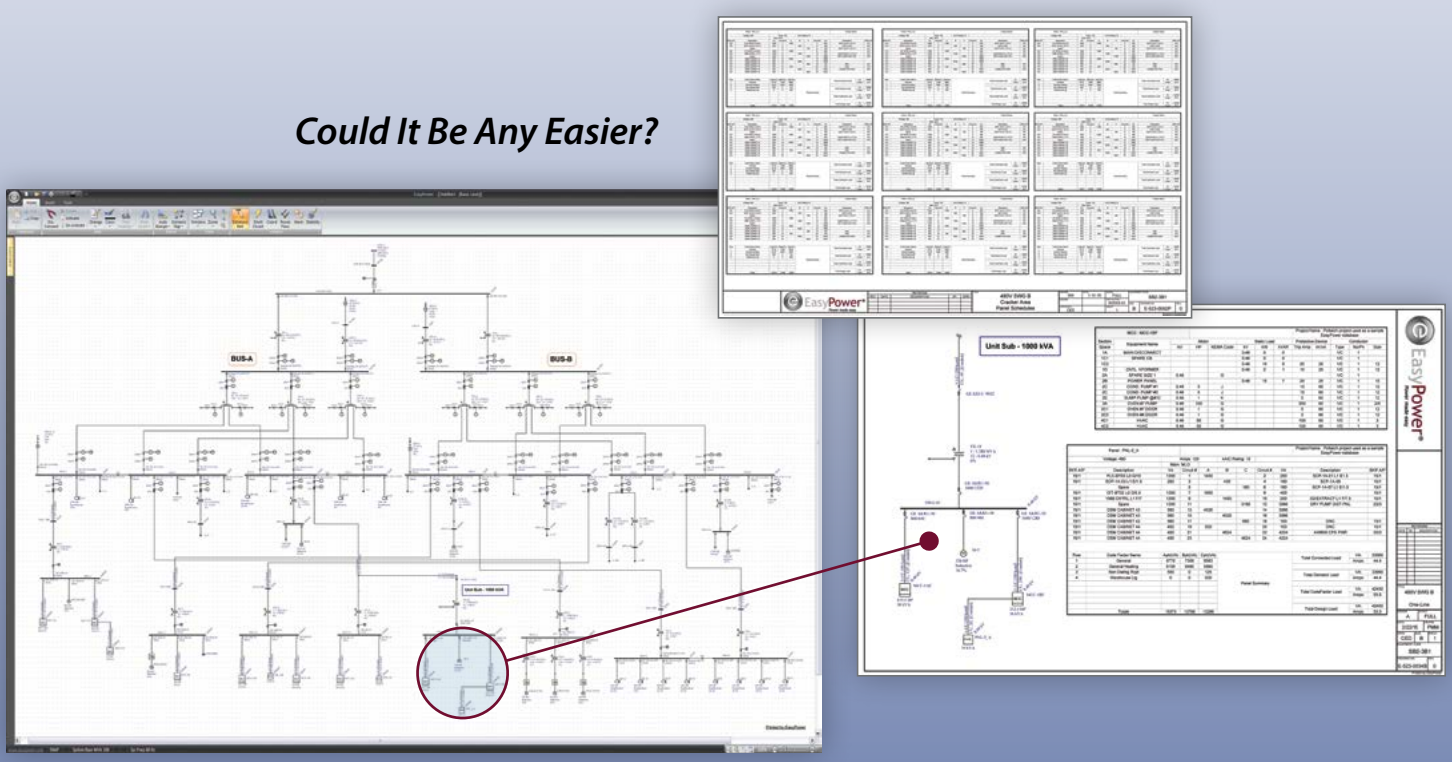
Create Your Entire Electrical Document Set

What used to take weeks, now only takes a few clicks

Create and access multiple drawings right from the one-line

Export to any CAD program from EasyPower

Could It Be Any Easier?



RELIABILITY

EasyPower Power System Reliability Analysis Module

A module to analyze the reliability of electrical power distribution systems and calculate the expected availability of loads.

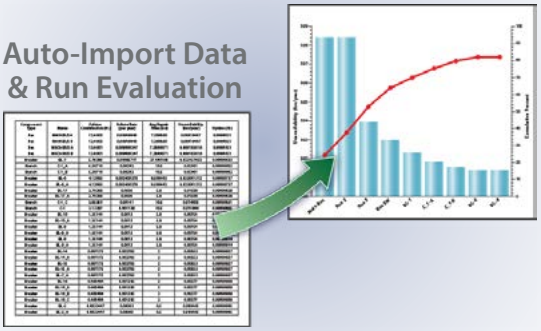
Features and Uses

- **Auto-import reliability data** or specify failure rate, downtime, and cost.
- **One-click analysis** of the entire system or a specific load branch.
- **Identify weak points** and factor cost of power interruption in future design.

Learn more at **www.EasyPower.com/Reliability**

Auto-Import Data & Run Evaluation

Export and View Results



ARCFLASH™ — EASYPOWER'S MOST POPULAR FEATURE

Trust the Industry Leader for Ensuring Safety and Compliance

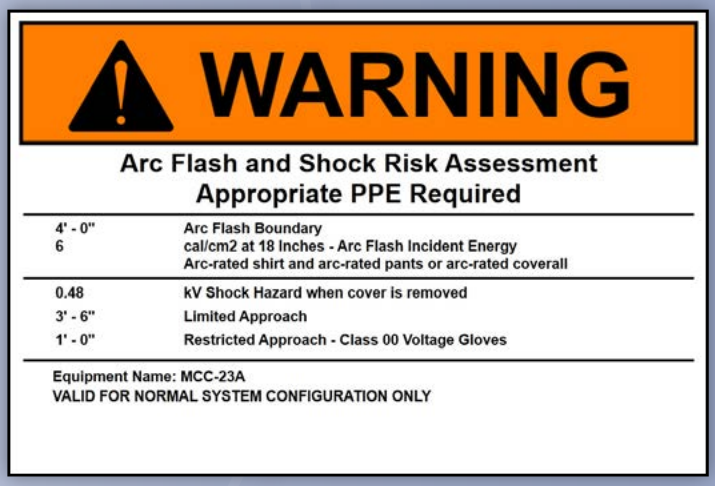
Thousands of companies have come to rely on EasyPower for developing sound and compliant arc flash programs. Given recent OSHA regulations and workplace safety concerns, it is now a top priority for many more in the industry.

Tap into EasyPower's easy-to-use ArcFlash™ tools to complete and manage your arc flash initiative.

Reduce Risk, Save Time, and Ensure Compliance

- Fastest, most accurate arc flash hazard calculations in the industry
- Full IEEE-1584 and NFPA 70E compliance, easily documented
- IEEE-1584 time domain calculations using decaying ANSI currents and full dynamic flux models
- Interactive custom arc flash label design as well as enhanced printing with live layout and preview
- Specialized protective device settings for maintenance, increasing safety and compliance
- Click any bus or device to see arc flash incident energy and arc flash boundary
- Intelligent zone selective interlocking (ZSI) for LV solid-state breakers
- NFPA 70E work permits quickly created with built-in templates

Explore More Industry-Leading Features Online



Additional Arc Flash Resources

- **Engineering Services** – Arc flash risk assessment analysis studies
- **Training** – Arc flash risk assessment analysis
- **Videos** – Arc flash risk assessment analysis training videos
- **Arc Flash Resource Center** – Free arc flash resource downloads

To download free resources for your Arc Flash Safety Program, visit
EasyPower.com/ArcFlash

ELECTRICAL ENGINEERING SERVICES

EasyPower delivers expert electrical engineering services for all aspects of electrical power systems, including:

- Consulting services
- Detailed studies
- Planning
- Preventative failure analysis

Types of Engineering Studies

- Arc Flash Risk Assessment
- Short Circuit Analysis
- Power Flow Analysis
- Power Factor Correction
- Motor Starting Analysis
- Protective Device Coordination
- Harmonic Analysis
- System Stability Analysis
- Load Addition/Rejection Analysis
- Grounding System Analysis
- AC Interference Analysis
- Transferred Voltage Analysis

Study Details - Arc Flash Risk Analysis

EasyPower's expert engineering staff can provide complete turnkey arc flash risk analysis, or support your team through any part of the process, including consulting on a study that is already under way.

Our staff engineers can visit the site, collect data, perform the analysis, and if desired, train plant engineers and electricians to help ensure ongoing compliance.

Our system study report includes the results of the EasyPower® analysis, recommendations, and a prioritized action plan. This report is provided to help ensure proper electrical equipment ratings and settings, PPE selection and electrical service reliability.

EASYPOWER TRAINING OPTIONS

EasyPower offers convenient training options to accommodate various topics, schedules, learning styles, and skill levels.

Scheduled Training - various sites and subjects each year, including:

- **EasyPower Hands-On** – includes hands-on intro, PDC, and arc flash analysis

Client Site Training - training at your site, standard or custom content

Online Training - online courses give you the opportunity to learn EasyPower at your convenience.

Learn more and see schedule online at **www.EasyPower.com/Training**

MORE PRODUCT OFFERINGS

The EasyPower© family delivers a full lineup of powerful Windows®–based software for intelligently designing, analyzing, and monitoring electrical power systems.

Customize a Solution

Choose from EasyPower's Full Lineup

- **ArcFlash™** – confidently meet OSHA and NFPA 70E regulations and safety program requirements.
- **ANSI ShortCircuit™** – instantly verify protective-device and equipment ratings for ANSI, NEC and NFPA 70E compliance.
- **IEC ShortCircuit™** – instantly verify protective-device and equipment ratings for IEC 60909 standards and more.
- **SmartDesign™** – simplify the design process: right-click on an area to design and automatically size feeders, breakers, fuses, switchgear, busway, MCCs, panels—and more—all per NEC requirements.
- **SmartPDC™** – completely simplify protective device coordination with one-touch automation. In one click, set protective devices without having extensive engineering knowledge or training.
- **PowerFlow™** – intelligently optimize voltage, current, and load flows.
- **PowerProtector™** – accurately ensure safety and reliability with comprehensive protective device coordination.
- **Spectrum™** – effortlessly identify and mitigate harmonic and power-quality problems.
- **Dynamic Stability™** – accurately simulate dynamic interaction between machines, networks, and protective device actions.
- **Transient Motor Starting™** – precisely calculate starting times, speed, torque, system voltage drops, relay interactions, and more.
- **Revit® Integrator™** – an efficient bi-directional data integrator between Autodesk Revit and EasyPower, with automatic one-line creation in EasyPower.
- **Reliability** – quantify the reliability and availability of electrical power system networks.

Get Started with EasySolv™

Ideal for electrical contractors and electricians.

- Develop one-lines quickly and easily
- Perform arc flash calculations and analysis
- Maintain system and safety documentation

Draw with OneLine Designer™

Ideal for one-line creators and data collectors.

- Develop one-lines quickly and easily
- Compatible with EasyPower one-lines
- Upgradable to EasyPower for full analysis

EasyPower®
Power made easy.

Visit **www.EasyPower.com** to learn more.

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