

Class Length: 2 Hours

CEUs: 0.2

PDHs: 2.0

Course Purpose

This course presents information for the proper selection and application of automatic transfer switches (ATS). Participants will review the operation of various types of transfer switches, explore special application considerations and receive tips on good system design. Completion of this module entitles the participant to 2 Professional Development Hours (PDH) accredited by the Milwaukee School of Engineering. If the student attends 5 Generac Power Systems Professional Development Seminar Series modules and completes the final assessments, the student will earn 1 Continuing Education Unit (CEU) and/or 10 PDH.

Course Objectives

- Upon completion of this module, participants will have a thorough understanding of:
- ATS operation and typical settings.
 - Selection criteria for choosing the best switching technology for the application.
 - Key considerations when specifying transfer switches.
 - ATS fault current ratings.
 - Instances when a separately derived system is required.

Topical Outline

- Types of Generator Switching
- Application Considerations

Who Should Attend

Practicing Design, Sales and Consulting Engineers involved in supplying standby power to Commercial, Industrial, Municipal and Healthcare facilities.

Prerequisites

None, however module sequence is recommended.

Difficulty Level

Intermediate

Be sure to sign up for each of the Professional Development Seminars:

GPS-100 Generator Sizing	GPS-150 Generator UL Listing & NFPA Standards
GPS-110 Generator Switching	GPS-160 Generator Provisioning & Installation
GPS-120 Paralleling Concepts & Implementation	GPS-170 Engines: Terminology, Fuel Selection, and Power Technologies
GPS-130 Understanding Generator Reliability	GPS-180 Alternators & Generator Controls
GPS-140 National Electric Code (NEC)	GPS-190 Specifications for Engine Generator Sets & Transfer Switches

For more information or to register for a seminar, contact your local Generac dealer below:

GENERAC[®]
POWER SYSTEMS, INC.

