

**Experts you trust.  
Excellence you count on.**



**Power  
Generation**

# Continuing Professional Development (CPD)

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Cummins Power Generation application engineers and factory experts are available to host technical seminars presented over lunch at your location. Continuing Professional Development (CPD) seminars provide an in-depth look at key elements of power systems, to enhance your knowledge of power generation fundamentals. This is an opportunity for you and your colleagues to talk face-to-face with Cummins engineers who've had years of hands-on experience, and discuss the challenges you're facing on your projects.

CPD seminars are available on a variety of topics including:

- Overview of power systems components
- System design requirements for specific types of installations
- What's required to comply with local power system standards and regulations
- Advanced topics for experienced senior engineering teams
- Cummins' proprietary tools for specifying generators and designing power systems

## CPD seminar objectives

- Promote power generation engineering best practices
- Help customers understand and make use of new technologies
- Provide a complete systems overview including controls, networks & fuel, cooling & exhaust systems
- Analyze requirements for paralleling, high voltage, and critical protection applications

## Benefits for participants

- Learn about Cummins' proprietary tools and resources
- Enhance your knowledge of power generation tools and resources
- Earn Cummins Power Generation hours or similar credits
- Have your questions answered by Cummins experts

## Presented by the experts on complete power systems

Technical presentations are available on a variety of relevant subjects, including:

- **Genset Installation Recommendations**  
Mechanical and electrical guidelines for location, fuel, noise, and control wiring
- **Alternators**  
Covers the basics of magnetism, how generators work, and generator construction
- **Alternator Protection**  
Standards for alternator protection and selective coordination
- **Paralleling Generators**  
Switchgear and controls, and reliable approaches for various power generation configurations
- **Paralleling Dissimilar Generators**  
Considerations for successfully paralleling two or more types of generators
- **Emergency Power System Grounding**  
Requirements and proper application of system earthing for emergency power system
- **Remote Monitoring and Networking**  
How technology has changed the way we monitor and control emergency power systems
- **Mission Critical Systems**  
Recommended engineering practices for critical operation power systems
- **Standby Power System Topologies Evaluation**  
Topologies that minimize single points of failure and how to meet redundancy requirements
- **Emissions Regulations**  
Discussion of regional emissions regulations and local standards, what is required to meet the standards and regulations, and how these rules impact generator selection
- **Generator Online Resources**  
Learn about available tools for specifying generators and designing power systems

Plan to join your colleagues at the Cummins CPD, and take advantage of this opportunity to hear from power systems engineering experts in person.

To request a CPD at your location, contact Cummins Middle East Sales Application Engineering Team at [SAE.MiddleEast@cummins.com](mailto:SAE.MiddleEast@cummins.com).

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[power.cummins.com](http://power.cummins.com)**

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