MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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EMERGENCY RESPONSE & CRISIS MANAGEMENT IN POWER SYSTEM

“Ensuring Safety, Continuity, and Rapid Recovery in Critical Power Operations\""

Schedule

Date	Venue	Fees (Face-to-Face)
21 – 25 Jun 2026	Muscat, Oman	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

This intensive 5-day course equips participants with the essential knowledge and tools to effectively manage emergencies and crises within power systems. With rising risks from operational failures, natural disasters, and cyber threats, the ability to respond quickly and efficiently is critical to ensuring personnel safety, system stability, and service continuity.

Participants will explore best practices in emergency preparedness, crisis response planning, communication strategies, and post-incident recovery specific to the power sector, through interactive sessions and real-world case studies.

Objectives

By the end of this course, participants will be able to:

- Understand key principles of emergency response and crisis management in power systems.
- Develop and implement robust emergency preparedness and response plans.
- Identify critical system vulnerabilities and establish mitigation strategies.
- Coordinate cross-functional crisis teams and manage stakeholder communication.
- Conduct post-incident reviews and integrate lessons learned into future planning.

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Why Attend

- Gain specialized knowledge tailored to the unique challenges of power system emergencies.
- Learn from industry experts through case studies and interactive exercises.
- Improve your organization’s ability to prevent, respond to, and recover from crises.
- Acquire practical tools and templates for immediate workplace application.
- Network with peers facing similar operational challenges in the power sector.

Target Audience

This program is designed for:

- Power system operations managers and engineers.
- Health, safety, and environmental (HSE) professionals.
- Crisis management and emergency response coordinators.
- Utility company executives and risk managers.
- Government regulators and stakeholders involved in energy sector safety.

Individual Benefits

Key competencies that will be developed include:

- Enhanced decision-making under pressure.
- Improved emergency planning and crisis leadership skills.
- Advanced risk assessment and vulnerability analysis capabilities.
- Stronger communication and coordination across crisis teams.
- Greater confidence in managing high-stakes incidents.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved system resilience and minimized downtime during emergencies.
- Stronger compliance with safety regulations and industry standards.
- Enhanced preparedness for natural, operational, and cyber-related crises.
- Better protection of personnel, assets, and public reputation.
- A culture of continuous improvement through post-incident learning.

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – In-depth coverage of emergency response frameworks, regulatory requirements, and crisis management principles.
- Case Studies – Examination of real-life power system emergencies and lessons learned.
- Workshops – Hands-on exercises to develop response plans, conduct simulations, and practice crisis communication.
- Peer Exchange – Group discussions on challenges, successes, and best practices.
- Tools – Templates for emergency action plans, risk assessments, communication protocols, and recovery checklists.

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Course Outline

Detailed 5-Day Course Outline Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Fundamentals of Emergency Response in Power Systems

- Module 1: Understanding Emergency and Crisis Management (07:30 – 09:30)
- Definitions and key concepts in emergency management.
- Types of emergencies in power systems.
- Regulatory and industry standards overview.
- Module 2: Risk Identification and Assessment (09:45 – 11:15)
- Identifying system vulnerabilities.
- Risk assessment methodologies.
- Prioritizing critical assets and operations.
- Module 3: Workshop – Mapping Critical Risks (11:30 – 01:00)
- Developing a site-specific risk map.
- Module 4: Peer Exchange – Sharing Risk Profiles (02:00 – 03:30)
- Group discussion on common vulnerabilities.

Day 2: Emergency Preparedness Planning

- Module 1: Developing Emergency Response Plans (07:30 – 09:30)
- Components of a robust emergency plan.
- Establishing roles and responsibilities.
- Integrating with business continuity plans.
- Module 2: Crisis Communication (09:45 – 11:15)
- Internal and external communication strategies.
- Managing media and public relations.
- Tools for effective stakeholder communication.
- Module 3: Case Study – Successful Emergency Responses (11:30 – 01:00)
- Reviewing effective crisis interventions.
- Module 4: Workshop – Drafting a Communication Plan (02:00 – 03:30)
- Creating templates for stakeholder outreach.

Day 3: Emergency Response Execution

- Module 1: Coordinating Response Teams (07:30 – 09:30)
- Setting up command structures.
- Ensuring cross-functional coordination.
- Decision-making under stress.
- Module 2: Simulation Exercises (09:45 – 11:15)
- Conducting tabletop simulations.
- Testing response protocols.
- Identifying gaps and areas for improvement.
- Module 3: Workshop – Running a Simulation (11:30 – 01:00)
- Hands-on simulation and debrief.
- Module 4: Peer Exchange – Lessons from Simulations (02:00 – 03:30)
- Group reflection on performance and takeaways.

Day 4: Recovery and Post-Incident Management

- Module 1: Post-Incident Recovery Planning (07:30 – 09:30)
- Steps for system recovery and stabilization.
- Ensuring data integrity and operational continuity.
- Managing financial and reputational impacts.
- Module 2: Conducting Post-Incident Reviews (09:45 – 11:15)
- Methods for root cause analysis.
- Capturing lessons learned.
- Integrating improvements into plans.
- Module 3: Case Study – Recovery from Major Power Failures (11:30 – 01:00)
- Reviewing industry recovery practices.
- Module 4: Workshop – Designing a Post-Incident Review Process (02:00 – 03:30)
- Building a continuous improvement cycle.

Day 5: Sustaining Emergency Management Capabilities

- Module 1: Building a Culture of Preparedness (07:30 – 09:30)
- Leadership’s role in promoting readiness.
- Ongoing training and capacity building.
- Maintaining emergency resources.
- Module 2: Advanced Topics and Emerging Risks (09:45 – 11:15)
- Addressing cyber threats and system interdependencies.
- Preparing for climate-related impacts.
- Module 3: Workshop – Updating Emergency Plans (11:30 – 01:00)
- Incorporating new insights and risks.
- Module 4: Final Review and Certification (02:00 – 03:30)
- Summary of key learnings.
- Presentation of certificates and course closing.

Certification

Participants will receive a Certificate of Completion in Emergency Response & Crisis Management in Power Systems, validating their expertise in safeguarding critical infrastructure, ensuring operational resilience, and leading effective crisis interventions.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**