aractech
Global Learning for Operational Leaders



BUSINESS CONTINUITY AND CRISIS MANAGEMENT | BCCM-040

Power and Utility Outage Preparedness

Contact

+31 85 7444446
info@aractech.com
https://aractech.com

Address

Waarderweg 50, 2031 BP Haarlem - Netherlands.

aractech
Global Learning for Operational Leaders

Course content

Why Attend

Electricity, water, gas, cooling and telecommunications are taken for granted until they fail. Outages caused by storms, heatwaves, grid failures, cyber attacks or local faults can stop operations, endanger people, damage equipment and spoil products within minutes, and widespread outages can last for days.

This Power and Utility Outage Preparedness training course helps organisations understand their utility dependencies and plan for outages of different durations. Participants learn how to assess utility risks, specify and maintain backup power, plan fuel supplies, manage water and cooling continuity, protect telecommunications, run safe operations during outages and restore services safely.

Course Methodology

• The course uses site dependency mapping, equipment case studies and outage scenarios. Participants map utility dependencies for a case study site, assess backup power capacity, plan fuel logistics and work through a prolonged regional outage scenario. Technical concepts are explained in practical, non-specialist terms.

Course Objectives

• Explain the causes and impacts of power and utility outages

• Map utility dependencies across sites, systems and processes

• Assess outage risks and set resilience requirements

• Understand backup power options including generators and UPS systems

• Plan fuel supply, testing and maintenance for backup systems

• Plan continuity for water, cooling, gas and telecommunications

Target Audience

• Facilities and engineering managers

• Business continuity and resilience professionals

• Data centre and IT infrastructure managers

aractech
Global Learning for Operational Leaders



Course content

• Operations and site managers

+31 85 7444446
info@aractech.com
Waarderweg 50, 2031 BP Haarlem - Netherlands.

aractech
Global Learning for Operational Leaders

Course outline

Detailed course outline

Day-by-day outline for Power and Utility Outage Preparedness.

Day 1 - Utility Outages and Their Impacts

- 09:00-09:34 | Causes of power, water and telecommunications outages
- 09:34-10:08 | Short, extended and regional outage scenarios
- 10:08-10:42 | Impacts on people, equipment, data and products
- 10:42-11:00 | Lessons from major grid and utility failures
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Lessons from major grid and utility failures (continued)
- 11:46-12:20 | Regulatory and safety duties during outages
- 12:20-12:53 | Interdependencies between different utility services
- 12:53-14:00 | Exercise: identifying outage impacts for your site

Day 2 - Dependency Mapping and Risk Assessment

- 09:00-09:34 | Mapping electrical loads and critical circuits
- 09:34-10:08 | Water, cooling, gas and compressed air dependencies
- 10:08-10:42 | Telecommunications and network connectivity dependencies
- 10:42-11:00 | Assessing outage likelihood and site vulnerability
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Assessing outage likelihood and site vulnerability (continued)
- 11:46-12:20 | Setting resilience requirements for critical loads
- 12:20-12:53 | Working with utility providers and landlords
- 12:53-14:00 | Workshop: utility dependency map for a case study site

aractech
Global Learning for Operational Leaders

Course outline

Detailed course outline

Day-by-day outline for Power and Utility Outage Preparedness.

Day 3 - Backup Power Systems

- 09:00-09:34 | Uninterruptible power supplies and their limitations
- 09:34-10:08 | Standby generators: sizing, location and transfer switches
- 10:08-10:42 | Load shedding and prioritisation of critical loads
- 10:42-11:00 | Battery storage and renewable backup options
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Battery storage and renewable backup options (continued)
- 11:46-12:20 | Testing and maintenance regimes for backup power
- 12:20-12:53 | Fuel storage, quality, contracts and resupply
- 12:53-14:00 | Exercise: assessing backup power capacity

Day 4 - Other Utilities and Outage Operations

- 09:00-09:34 | Water supply continuity and storage options
- 09:34-10:08 | Cooling continuity for data centres and processes
- 10:08-10:42 | Telecommunications resilience and diverse routing
- 10:42-11:00 | Safe working practices during power outages
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Safe working practices during power outages (continued)
- 11:46-12:20 | Lighting, security and access control during outages
- 12:20-12:53 | Communicating with staff and customers during outages
- 12:53-14:00 | Simulation: a prolonged regional power outage

Global Learning for Operational Leaders

Course outline

Detailed course outline

Day-by-day outline for Power and Utility Outage Preparedness.

Day 5 - Restoration and Continuous Improvement

- 09:00-09:39 | Safe restoration and avoiding equipment damage
- 09:39-10:18 | Checking systems and data after power returns
- 10:18-10:57 | Post-outage reviews and lessons learned
- 10:57-11:00 | Investment planning for utility resilience
- 11:00-11:30 | Coffee break
- 11:30-12:06 | Investment planning for utility resilience (continued)
- 12:06-12:44 | Exercising outage plans regularly
- 12:44-13:22 | Reporting utility resilience to management
- 13:22-14:00 | Personal action plan for outage preparedness

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
7 - 11 December 2026	London	Classroom	**€2,915**
14 - 18 December 2026	Barcelona	Classroom	**€2,275**
21 - 25 December 2026	Frankfurt	Classroom	**€2,175**
25 - 29 January 2027	London	Classroom	**€2,915**
4 - 8 January 2027	Barcelona	Classroom	**€2,275**
11 - 15 January 2027	Frankfurt	Classroom	**€2,175**
18 - 22 January 2027	Geneva	Classroom	**€3,315**
1 - 5 February 2027	London	Classroom	**€2,915**
8 - 12 February 2027	Barcelona	Classroom	**€2,275**
15 - 19 February 2027	Frankfurt	Classroom	**€2,175**

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
22 - 26 February 2027	Istanbul	Classroom	**€2,825**
8 - 12 March 2027	London	Classroom	**€2,915**
15 - 19 March 2027	Barcelona	Classroom	**€2,275**
22 - 26 March 2027	Frankfurt	Classroom	**€2,175**
1 - 5 March 2027	Kuala lumpur	Classroom	**€2,425**
19 - 23 April 2027	London	Classroom	**€2,915**
26 - 30 April 2027	Barcelona	Classroom	**€2,275**
5 - 9 April 2027	Frankfurt	Classroom	**€2,175**
12 - 16 April 2027	Madrid	Classroom	**€3,400**
24 - 28 May 2027	London	Classroom	**€2,915**

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
3 - 7 May 2027	Barcelona	Classroom	**€2,275**
10 - 14 May 2027	Frankfurt	Classroom	**€2,175**
17 - 21 May 2027	Munich	Classroom	**€2,425**
7 - 11 June 2027	London	Classroom	**€2,915**
14 - 18 June 2027	Barcelona	Classroom	**€2,275**
21 - 25 June 2027	Frankfurt	Classroom	**€2,175**
12 - 16 July 2027	London	Classroom	**€2,915**
19 - 23 July 2027	Barcelona	Classroom	**€2,275**
26 - 30 July 2027	Frankfurt	Classroom	**€2,175**
5 - 9 July 2027	Rome	Classroom	**€2,830**

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
16 - 20 August 2027	London	Classroom	**€2,915**
23 - 27 August 2027	Barcelona	Classroom	**€2,275**
2 - 6 August 2027	Frankfurt	Classroom	**€2,175**
9 - 13 August 2027	Vienna	Classroom	**€3,425**
6 - 10 September 2027	London	Classroom	**€2,915**
13 - 17 September 2027	Barcelona	Classroom	**€2,275**
20 - 24 September 2027	Frankfurt	Classroom	**€2,175**
4 - 8 October 2027	London	Classroom	**€2,915**
11 - 15 October 2027	Barcelona	Classroom	**€2,275**
18 - 22 October 2027	Frankfurt	Classroom	**€2,175**

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
25 - 29 October 2027	Cape Town	Classroom	**€1,825**
8 - 12 November 2027	London	Classroom	**€2,915**
15 - 19 November 2027	Barcelona	Classroom	**€2,275**
22 - 26 November 2027	Frankfurt	Classroom	**€2,175**
1 - 5 November 2027	Dubai	Classroom	**€2,845**
20 - 24 December 2027	London	Classroom	**€2,915**
27 - 31 December 2027	Barcelona	Classroom	**€2,275**
6 - 10 December 2027	Frankfurt	Classroom	**€2,175**
13 - 17 December 2027	Geneva	Classroom	**€3,315**
7 - 11 December 2026	Online / Live	Online / Live	**€1,625**

aractech
Global Learning for Operational Leaders



Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
14 - 18 December 2026	Online / Live	Online / Live	**€1,625**
21 - 25 December 2026	Online / Live	Online / Live	**€1,625**
25 - 29 January 2027	Online / Live	Online / Live	**€1,625**
4 - 8 January 2027	Online / Live	Online / Live	**€1,625**
11 - 15 January 2027	Online / Live	Online / Live	**€1,625**
18 - 22 January 2027	Online / Live	Online / Live	**€1,625**
1 - 5 February 2027	Online / Live	Online / Live	**€1,625**
8 - 12 February 2027	Online / Live	Online / Live	**€1,625**
15 - 19 February 2027	Online / Live	Online / Live	**€1,625**
22 - 26 February 2027	Online / Live	Online / Live	**€1,625**

+31 85 7444446
info@aractech.com
Waarderweg 50, 2031 BP Haarlem - Netherlands.

aractech
Global Learning for Operational Leaders



Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
8 - 12 March 2027	Online / Live	Online / Live	**€1,625**
15 - 19 March 2027	Online / Live	Online / Live	**€1,625**
22 - 26 March 2027	Online / Live	Online / Live	**€1,625**
1 - 5 March 2027	Online / Live	Online / Live	**€1,625**
19 - 23 April 2027	Online / Live	Online / Live	**€1,625**
26 - 30 April 2027	Online / Live	Online / Live	**€1,625**
5 - 9 April 2027	Online / Live	Online / Live	**€1,625**
12 - 16 April 2027	Online / Live	Online / Live	**€1,625**
24 - 28 May 2027	Online / Live	Online / Live	**€1,625**
3 - 7 May 2027	Online / Live	Online / Live	**€1,625**

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
10 - 14 May 2027	Online / Live	Online / Live	**€1,625**
17 - 21 May 2027	Online / Live	Online / Live	**€1,625**
7 - 11 June 2027	Online / Live	Online / Live	**€1,625**
14 - 18 June 2027	Online / Live	Online / Live	**€1,625**
21 - 25 June 2027	Online / Live	Online / Live	**€1,625**
12 - 16 July 2027	Online / Live	Online / Live	**€1,625**
19 - 23 July 2027	Online / Live	Online / Live	**€1,625**
26 - 30 July 2027	Online / Live	Online / Live	**€1,625**
5 - 9 July 2027	Online / Live	Online / Live	**€1,625**
16 - 20 August 2027	Online / Live	Online / Live	**€1,625**

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
23 - 27 August 2027	Online / Live	Online / Live	**€1,625**
2 - 6 August 2027	Online / Live	Online / Live	**€1,625**
9 - 13 August 2027	Online / Live	Online / Live	**€1,625**
6 - 10 September 2027	Online / Live	Online / Live	**€1,625**
13 - 17 September 2027	Online / Live	Online / Live	**€1,625**
20 - 24 September 2027	Online / Live	Online / Live	**€1,625**
4 - 8 October 2027	Online / Live	Online / Live	**€1,625**
11 - 15 October 2027	Online / Live	Online / Live	**€1,625**
18 - 22 October 2027	Online / Live	Online / Live	**€1,625**
25 - 29 October 2027	Online / Live	Online / Live	**€1,625**

aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Power and Utility Outage Preparedness generated from the course details page.

Date	Location	Format	Fee
8 - 12 November 2027	Online / Live	Online / Live	**€1,625**
15 - 19 November 2027	Online / Live	Online / Live	**€1,625**
22 - 26 November 2027	Online / Live	Online / Live	**€1,625**
1 - 5 November 2027	Online / Live	Online / Live	**€1,625**
20 - 24 December 2027	Online / Live	Online / Live	**€1,625**
27 - 31 December 2027	Online / Live	Online / Live	**€1,625**
6 - 10 December 2027	Online / Live	Online / Live	**€1,625**
13 - 17 December 2027	Online / Live	Online / Live	**€1,625**