

EU Code of Conduct for Data Centre Energy Efficiency **(Accredited by British Computer Society)**

Introduction – Why is best practice in the Code of Conduct needed and who will use it? (1 hour)

- 1.1 Explain why best practice needs to be defined
- 1.2 Explain how to benchmark the performance of a facility
- 1.3 Understand the data centre requirements

Introduction to Best Practice (2 hours)

- 2.1 Explain how to benchmark the performance of a facility
- 2.2 Identify the levels of participation
- 2.3 Understand the data centre requirements

Best Practice – Interactions and Interdependencies (2 hours)

- 3.1 Describe the interactions various systems and the environment
- 3.2 Define and explain the result in interactions and interdependencies
- 3.3 Define and explain the factors affecting how energy is consumed

Best Practice – In detail (4 hours)

- 4.1 Explain and define specific goals and intent
- 4.2 Identify and list best practice sections
- 4.3 Understand the relevant section in detail for each of the best practice sections of the code:
 - Data Centre Utilization, Management and Planning
 - IT Equipment and Services
 - Cooling
 - Data Centre Power Equipment
 - Other Data Centre Equipment
 - Data Centre Building
 - Monitoring
 - Practices to become minimum expected
 - Items under consideration

This unit may be interactive and may use Case Studies as the basis. Candidates may consider the Best Practices for each example using Reporting Forms as the focus.

Energy Measurement and Metrics (3 hours)

- 5.1 Explain the importance of benchmarking energy consumption
- 5.2 Define how to measure energy efficiency and use metrics