CEM®

BODY OF KNOWLEDGE (BoK)

The CEM Certification Exam is a four-hour open book exam. The examination questions are based on the Body of Knowledge listed below. Because of the diversity of background and experience of Energy Managers, the examination has 14 different subject sections, all of which are included in the exam. You must bring a hand calculator to the exam as the CEM exam does not allow computers, tablets, or cell phones to be used during the test.

The CEM Examination contains the following mandatory subjects:

Body of Knowledge 2.0	Percent of Exam
1. Energy and Sustainability Policies, Codes and Standards	6%-8%
2. Energy Rates, Tariffs and Supply Options	5%-7%
3. Energy Audits and Instrumentation	7%-11%
4. Energy Accounting and Economics	6%-10%
5. Electrical Power Systems and Motors	7%-11%
6. Lighting Systems	5% -7%
7. HVAC Systems and Building Envelope	10%-16%
8. Building Automation, Controls and Artificial Intelligence Systems	6%-10%
9. Energy Storage Systems	3%-5%
10. Boiler and Steam Systems	4%-6%
11. Distributed Generation & Renewable Energy Systems	4%-6%
12. Industrial Systems	6%-8%
13. Operations, Maintenance and Commissioning	7%-11%
14. Energy Savings Performance Contracting and Measurement & Verification	3%-5%