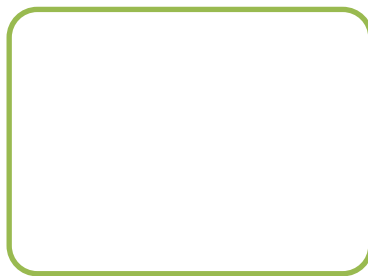




AFRICAN
SCHOOL OF
REGULATION

4 Weeks Online Course
**Energy Efficiency
Regulation**



Date: 9th June 2025

Format: Online (4 Week Online)

INTRODUCTION

Energy efficiency plays a crucial role in achieving sustainable energy systems, reducing operational costs, and mitigating environmental impacts. Effective energy efficiency regulation ensures the optimization of energy use, reducing waste while fostering economic growth. To build the capacity of professionals in energy regulation, the African School of Regulation (ASR) is offering a comprehensive four-weeks, one day a week training program on Energy Efficiency Regulation. This course is designed to equip participants with the necessary skills and knowledge to design, implement, and enforce energy efficiency policies and regulations.

Course Objectives

This course aims to:

- Provide a deep understanding of **energy efficiency principles** and their role in sustainable development.
- Present **regulatory frameworks** and policies for industrial, commercial, and institutional energy efficiency.
- Train participants on **energy performance standards (MEPS)** and compliance mechanisms.
- Showcase **global best practices** and case studies in energy efficiency regulation.
- Equip participants with **economic simulation modelling techniques** to assess the financial justification for regulatory interventions.

TARGET AUDIENCE

This course is designed for:

- **Energy Regulators** and policymakers
- **Government officials** responsible for energy policy and sustainability
- **Utility companies** and energy service providers
- **Energy managers and auditors**
- **Industrial and commercial facility operators**
- **Academics and researchers** in the field of energy regulation
- **International development agencies and NGOs** involved in energy policy



COURSE CONTENT

The training will be structured across four weeks, one day per week, covering the following topics:

Week 1

Regulating Energy Efficiency – A Background

- Introduction to energy systems (generation, distribution, and consumption)
- The link between energy consumption and externalities (environmental and financial impacts)
- Principles of energy efficiency and conservation
- Transmission and distribution losses
- Role of policies in implementing energy efficiency (command and control, market-based policies)

Week 2

Industrial, Institutional, and Commercial Energy Efficiency Regulation

- Energy Management Systems (audits, corporate policies, measurement, and verification)
- Mandatory compliance thresholds and regulatory frameworks
- Quality control in energy auditing (licensing of auditors and audit firms)
- Role of Energy Service Companies (ESCOs)
- Stakeholder management in energy efficiency regulation

Week 3

Energy Performance Standards (MEPS)

- Introduction to Minimum Energy Performance Standards (MEPS) and benchmarks
- Implementation of standards and labeling for appliances, buildings, and vehicles
- Measuring success and improving MEPS (data management and modeling)

Week 4

Case Studies and Practical Applications

- Best practices in industrial, commercial, and institutional energy efficiency regulations worldwide
- Case studies of successful energy performance standards implementation
- Economic simulation modelling exercises for regulatory interventions

Course Delivery and Learning Methodology

The course will be delivered through Brightspace LMS and will include:

- **Pre-recorded video lectures** for self-paced learning
- **Live interactive sessions** with expert instructors
- **Case study discussions** to provide real-world insights
- **Q&A session and office hour** for personalized learning
- **Practical exercises and assessments** to evaluate learning outcomes

Expected Outcomes

By the end of the course, participants will:

- Gain a comprehensive understanding of energy efficiency regulatory frameworks.
- Be equipped with the tools to design and implement energy efficiency policies.
- Develop skills to assess and improve MEPS and compliance mechanisms.
- Understand economic modelling techniques to justify regulatory interventions.
- Be able to apply global best practices in their respective institutions.

Course Certification

Upon successful completion of the course, participants will receive a **Certificate of Completion** from the **African School of Regulation (ASR)**.



Course Registration and Contact Information



Course Duration:

Four weeks, one day a week (self-paced and live sessions)

Delivery Mode:

Online via Brightspace LMS, Zoom for live classes and office hours

4 Weeks Online - USD150

USD 100 for group booking, student ticket and early bird



Contact Email:
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Website:
<https://africanschoolregulation.org/training-about/>

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