Electricity Sector Policy, Markets and Regulation Training Course

22 – 26 February 2027
Singapore

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Training Center

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Ref: 1205_189010 **Date:** 22 – 26 February 2027 **Location:** Singapore **Fees:** 5700 Euro

Overview

Electricity Sector Policy, Markets and Regulation Training Course is a one-week course for policy professionals, utility managers, regulatory specialists, market analysts, and planners who leave with an Electricity Regulatory Decision Pack. The course connects electricity sector policy with market structures, licensing, tariff principles, service quality, consumer protection, investment signals, and transition governance. Participants apply regulatory decisions across utility and infrastructure settings through structured tools and suggested exercises. Agile Leaders Training Center presents electricity-sector policy and regulation.

Who Should Attend

- Policy functions responsible for electricity-sector strategy and reform proposals
- Regulatory functions responsible for licensing, market rules, monitoring, and enforcement
- Utility management functions responsible for service performance and regulatory submissions
- Market-analysis functions responsible for prices, competition, investment signals, and system outcomes
- Planning functions responsible for generation, networks, resource adequacy, and transition pathways
- Consumer-affairs functions responsible for service standards, complaints, and protection measures

The course assumes participants already work with energy policy, utility operations, economics, or governance and leaves out jurisdiction-specific legal advice and detailed tariff-model construction.

Departments and Industries

The course supports electricity-sector policy and regulation across:

- Energy policy, regulatory affairs, and economic-analysis departments
- Electricity generation, transmission, distribution, and retail organizations
- Infrastructure, public-service, and utility-oversight institutions
- Renewable-energy, storage, and distributed-resource developers
- Investment, project-finance, and energy-advisory functions
- Consumer protection, service quality, and market-monitoring teams

Learning Objectives

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

- Analyze electricity-sector structures and institutional responsibilities
- Apply licensing and market-entry decision criteria
- Evaluate tariff principles and service-quality tradeoffs
- Use market-monitoring and compliance evidence
- Compare investment, reliability, and consumer outcomes
- Build a regulatory decision pack for sector transition

Course Agenda

Day 1: Sector Structure and Policy Direction

- Electricity Value Chain and Activity Classification Map
- Policy Objective and Public-Interest Test
- Institutional Mandate and Accountability Matrix
- Market Structure and Competition Assessment Tool
- Sector Reform Options and Sequencing Canvas

Day 2: Licensing and Regulatory Instruments

- Electricity Activity Licensing Decision Framework
- Market Entry and Exit Requirements Checklist
- License Condition and Obligation Design Template
- Grid Code and Market Rule Governance Map
- Regulatory Information and Reporting Schedule

Day 3: Tariffs, Service Quality, and Consumers

- Tariff Principle and Cost-Recovery Balance Matrix
- Revenue Requirement and Efficiency Review Questions
- Service Quality and Reliability Indicator Scorecard
- Consumer Protection and Complaint Handling Framework
- Affordability, Access, and Cross-Subsidy Decision Map

Day 4: Market Oversight and Energy Transition

- Wholesale and Retail Market Monitoring Dashboard
- Market Power and Competition Screening Method
- Investment Signal and Resource Adequacy Review
- Renewable Integration and Flexibility Governance Map
- Compliance, Inspection, and Enforcement Response Ladder

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Day 5: Electricity Regulatory Decision Practice

- Exercise: Diagnose a Sector Structure and Policy Gap
- Exercise: Review a License and Market Entry Case
- Exercise: Balance Tariff, Reliability, and Consumer Outcomes
- Exercise: Assess a Market Transition and Oversight Response
- Capstone Exercise: Electricity Regulatory Decision Pack

Practical Exercises

The course uses suggested activities to connect policy choices with observable sector outcomes:

- Suggested activity: map generation, networks, system operation, trading, and retail responsibilities in a sector model
- Suggested activity: test licensing conditions and evidence for a proposed electricity activity
- Suggested activity: compare tariff, service-quality, investment, and consumer implications of regulatory options
- Suggested activity: assemble policy objectives, licensing choices, monitoring indicators, and transition actions into a decision pack

FAQs

Who does electricity-sector policy and regulation training suit, and what does it assume?

Electricity-sector policy and regulation training suits policy, utility, regulatory, market, planning, and consumer-affairs functions that already work with energy systems, governance, or economic decisions.

How does electricity-sector policy and regulation differ from an energy economics course?

Electricity-sector policy and regulation focuses on institutions, licensing, market rules, tariffs, service quality, consumer protection, oversight, and implementation, while energy economics courses concentrate on economic theory, prices, demand, supply, and analytical models.

What does electricity market design determine?

Electricity market design determines how participants trade, how prices and operational signals form, how reliability and adequacy are supported, and how rules align short-term operation with investment and policy objectives.

Why do electricity-sector regulators use licensing?

Electricity-sector regulators use licensing to define permitted activities, entry requirements, service and reporting obligations, performance conditions, accountability, and the consequences of noncompliance.

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How should electricity regulation address energy transition?

Electricity regulation should align market rules, network access, flexibility, resource adequacy, consumer outcomes, and investment signals as generation, storage, distributed resources, and demand patterns change.

Conclusion

Participants take back an Electricity Regulatory Decision Pack containing a sector map, policy test, licensing framework, tariff questions, service indicators, market dashboard, and transition actions. The pack changes disconnected regulatory topics into a traceable decision process. It supports clearer mandates, balanced tradeoffs, evidence-based oversight, and coordinated implementation.