



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Electricity Markets

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0515 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course provides a comprehensive understanding of electricity markets, including market structures, trading mechanisms, and regulatory frameworks. Participants will learn to analyze market dynamics, assess risks, and make informed decisions in the context of South Africa's evolving energy sector.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0515
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply the principles of electricity market design to analyze market structures and participant behavior.
- Analyze the impact of supply and demand dynamics, transmission constraints, and market power on electricity prices.
- Evaluate the effectiveness of different market mechanisms (e.g., day-ahead, real-time, capacity markets) in achieving economic efficiency and reliability.
- Design trading strategies for electricity markets, considering risk management and portfolio optimization.
- Implement regulatory compliance measures in line with South African energy regulations and market codes.
- Demonstrate the ability to interpret market data and forecasts to support decision-making.

WHO SHOULD ATTEND

- This course is designed for energy professionals, traders, analysts, and managers who need to understand electricity markets for strategic planning, operations, or regulatory compliance.

COURSE OUTLINE

Day 1: Fundamentals of Electricity Markets

- Introduction to electricity markets: history and evolution
- Market participants: generators, retailers, traders, consumers
- Supply and demand fundamentals: marginal cost, merit order
- Price formation: energy, capacity, and ancillary services
- Market designs: pool, exchange, bilateral contracts, and hybrid models
- Regulatory frameworks: South African context and NERSA
- Market operation: scheduling, dispatch, and settlement
- Introduction to market data and information systems

Day 2: Market Dynamics and Practical Applications

- Renewable integration: intermittency, curtailment, and pricing
- Energy storage: arbitrage, peak shaving, and grid services
- Risk management: hedging, futures, and options
- Trading strategies: day-ahead, intraday, and balancing markets
- Ancillary services: frequency control, reserves, and black start
- Market performance: liquidity, volatility, and market power
- Compliance and market rules: grid codes and licensing
- Case studies: South African and international market examples

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **4 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 11,900.00	R 11,900.00
1	In-House	R 15,400.00	R 15,400.00
1	On-Campus (Pretoria)	R 17,800.00	R 17,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
30 Sep 2026	01 Oct 2026	On-Campus	Mombasa, Kenya
30 Sep 2026	01 Oct 2026	On-Campus	London, UK
01 Oct 2026	02 Oct 2026	On-Campus	Maseru, Lesotho
01 Oct 2026	02 Oct 2026	On-Campus	Victoria Falls, Zimbabwe
05 Oct 2026	06 Oct 2026	On-Campus	Mbabane, Eswatini
05 Oct 2026	06 Oct 2026	On-Campus	Lusaka, Zambia
06 Oct 2026	07 Oct 2026	On-Campus	Bangkok, Thailand
06 Oct 2026	07 Oct 2026	On-Campus	Nairobi, Kenya

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0515) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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