

Professional Energy Course Catalogue

2026-2027 EDITION | VERSION 2.0

30 practical live-online foundation courses for real-world energy decisions.

30

courses

6

pathways

80%

pass standard

1

free resit



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Publication information

courses energy

ENERGY SECTOR • PRACTICAL COURSES



UK Petroleum Co. Ltd

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This catalogue replaces the previous 18-course selection and presents the 30 foundation courses supplied for Courses.Energy. Dates, delivery arrangements and VAT treatment are confirmed before paid enrolment opens. Registering interest does not create a booking or payment obligation.

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Course scope and professional status

Courses support professional development. The Courses.Energy Foundation Certificate is issued by UK Petroleum Co. Ltd and is not an Ofqual-regulated qualification or external accreditation. Course content does not replace engineering, legal, financial, regulatory, safety, sanctions or specialist due-diligence advice.

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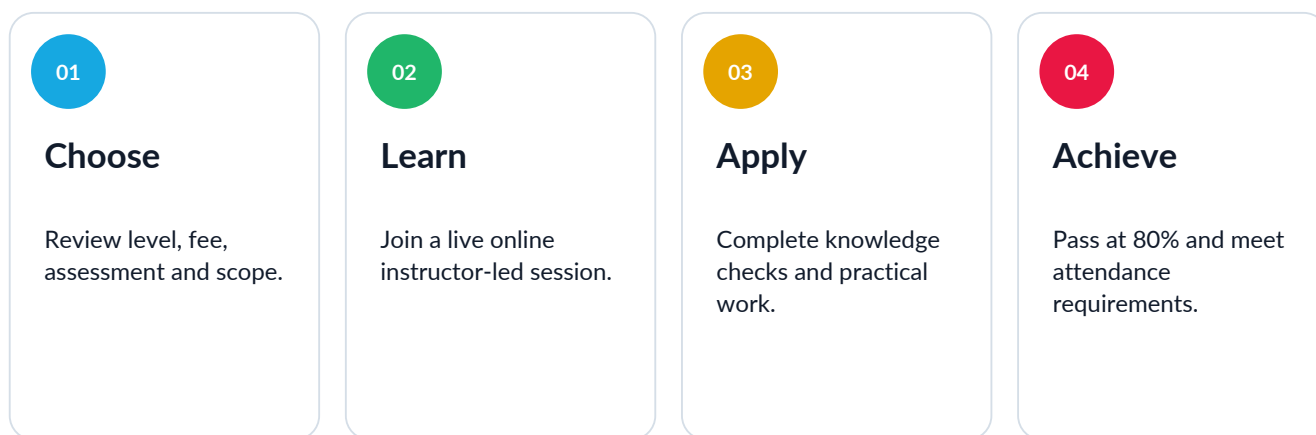
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Designed for practical application

Each course uses a controlled learning sequence, clear outcomes, practical work, an assessment route and transparent certificate status.



What learners can expect



Delivery and availability

Courses are live online and instructor-led, normally delivered in one day or two shorter sessions. Minimum-cohort arrangements may apply. Confirmed scheduling information is published before payment.

Assessment, certificate and funded access

Achievement standard



80% overall pass standard

90% attendance for live delivery

1 free assessment resit

unique certificate number

Course Access Fund

UK Petroleum Co. Ltd uses its own budget to support eligible applicants who face a genuine course-fee barrier. An approved award waives the fee for one selected foundation course; no cash is paid to the recipient.

Eligible foundation courses

Eligibility is confirmed for each intake and may include courses across AI, supplier readiness, carbon, grid, storage, hydrogen and commercial-risk pathways.

Applications remain subject to eligibility, capacity, course formation and available budget.



Six connected learning pathways

Pathways help learners select a logical sequence. They do not represent a regulated qualification framework.

01 AI, Data and Digital Energy

Practical AI use-case design, controlled pilots, governance, data readiness, cybersecurity and digital-twin preparation.

AIE-201 -> AIE-202 -> AIE-203 -> AIE-204 -> AIE-205 ->
DATA-201 -> CYB-201 -> CYB-202 -> DIG-201

02 Supply Chain, Procurement and Project Delivery

Supplier qualification, evidence files, procurement evaluation, EPC risk and disciplined project decision-gate control.

SUP-201 -> SUP-202 -> PRC-201 -> EPC-201 -> EPM-201 ->
EPM-202

03 Nuclear Supply-Chain Readiness

Foundation-level preparation for industrial suppliers entering nuclear work, quality culture and tender readiness.

NUC-201 -> NUC-202 -> NUC-203

04 Carbon, CBAM and Product Emissions

CBAM obligations, embedded-emissions evidence, product carbon intensity and controlled carbon-data audit readiness.

CAR-201 -> CAR-202 -> CAR-203 -> CAR-204

05 Grid, Storage, Hydrogen and Industrial Decarbonisation

Commercial readiness for grid connections, flexibility, battery storage, hydrogen projects and industrial clean heat.

GRID-201 -> GRID-202 -> BESS-201 -> BESS-202 -> H2-201
-> H2-202 -> IND-201

06 Commercial Risk and Counterparty Due Diligence

Structured initial screening of energy counterparties, authority, ownership, sanctions exposure and transaction credibility.

COM-201

Course index: AI, data and digital energy

Prices are shown before VAT where applicable. Dates and delivery are confirmed before paid enrolment opens.

AI, Data and Digital Energy			
AIE-201	AI Use-Case Identification for Energy Companies	Foundation 5-5.5 guided hours	£495
AIE-202	AI Pilot Planning for Energy Organisations	Foundation 5-5.5 guided hours	£495
AIE-203	Generative AI for Energy Research and Commercial Analysis	Foundation 5-5.5 guided hours	£495
AIE-204	AI Agents and Workflow Automation for Energy Teams	Foundation 5-5.5 guided hours	£495
AIE-205	AI Governance and AI Literacy for Energy Companies	Foundation 5-5.5 guided hours	£495
DATA-201	Energy Data Readiness for AI and Digital Projects	Foundation 5-5.5 guided hours	£495
CYB-201	Cybersecurity Awareness for Energy Managers and Engineers	Foundation 5-5.5 guided hours	£545
CYB-202	OT and SCADA Cyber-Risk Fundamentals	Foundation 5-5.5 guided hours	£545
DIG-201	Digital Twin Readiness for Energy Assets	Foundation 5-5.5 guided hours	£545

Course index: supply chain, projects and nuclear

Prices are shown before VAT where applicable. Dates and delivery are confirmed before paid enrolment opens.

Supply Chain, Procurement and Project Delivery			
SUP-201	Energy Supplier Prequalification and Tender Readiness	Foundation 5-5.5 guided hours	£495
SUP-202	Energy Supplier Audit and Evidence-File Preparation	Foundation 5-5.5 guided hours	£495
PRC-201	Energy Procurement Evaluation for Non-Procurement Managers	Foundation 5-5.5 guided hours	£495
EPC-201	EPC Contract Risk Fundamentals for Energy Projects	Foundation 5-5.5 guided hours	£545
EPM-201	Energy Project Development from Concept to Final Investment Decision	Foundation 5-5.5 guided hours	£545
EPM-202	Energy Project Documentation and Decision-Gate Control	Foundation 5-5.5 guided hours	£545
Nuclear Supply-Chain Readiness			
NUC-201	Nuclear Supply-Chain Entry for Industrial Companies	Foundation 5-5.5 guided hours	£595
NUC-202	Nuclear Quality Culture and Documentation Fundamentals	Foundation 5-5.5 guided hours	£595
NUC-203	Nuclear Tender and Commercial Readiness	Foundation 5-5.5 guided hours	£595

Course index: carbon, infrastructure and commercial risk

Prices are shown before VAT where applicable. Dates and delivery are confirmed before paid enrolment opens.

Carbon, CBAM and Product Emissions

CAR-201	CBAM Fundamentals for Importers, Exporters and Suppliers	Foundation 5-5.5 guided hours	£545
CAR-202	Embedded-Emissions Data Collection for CBAM	Foundation 5-5.5 guided hours	£545
CAR-203	Product Carbon Intensity for Energy and Commodity Transactions	Foundation 5-5.5 guided hours	£545
CAR-204	Carbon Data Controls and Audit Readiness	Foundation 5-5.5 guided hours	£545

Grid, Storage, Hydrogen and Industrial Decarbonisation

GRID-201	Grid Connection Readiness for Renewable and Storage Projects	Foundation 5-5.5 guided hours	£595
GRID-202	Electricity Flexibility and Demand-Response Fundamentals	Foundation 5-5.5 guided hours	£595
BESS-201	Battery Storage Project Commercial Readiness	Foundation 5-5.5 guided hours	£595
BESS-202	Battery Storage Procurement and Vendor Comparison	Foundation 5-5.5 guided hours	£595
H2-201	Hydrogen Project Commercial Readiness	Foundation 5-5.5 guided hours	£545
H2-202	Hydrogen Offtake, Certification and Market-Entry Fundamentals	Foundation 5-5.5 guided hours	£545
IND-201	Industrial Electrification and Clean-Heat Project Readiness	Foundation 5-5.5 guided hours	£545

Commercial Risk and Counterparty Due Diligence

COM-201	Energy Counterparty Due Diligence and Transaction Risk Screening	Foundation 5-5.5 guided hours	£545
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LEARNING PATHWAY

AI, Data and Digital Energy

Practical AI use-case design, controlled pilots, governance, data readiness, cybersecurity and digital-twin preparation.

- **AIE-201** AI Use-Case Identification for Energy Companies
- **AIE-202** AI Pilot Planning for Energy Organisations
- **AIE-203** Generative AI for Energy Research and Commercial Analysis
- **AIE-204** AI Agents and Workflow Automation for Energy Teams
- **AIE-205** AI Governance and AI Literacy for Energy Companies
- **DATA-201** Energy Data Readiness for AI and Digital Projects
- **CYB-201** Cybersecurity Awareness for Energy Managers and Engineers
- **CYB-202** OT and SCADA Cyber-Risk Fundamentals
- **DIG-201** Digital Twin Readiness for Energy Assets

AIE-201

FOUNDATION COURSE

AI Use-Case Identification for Energy Companies

Identify where AI can solve real operational and commercial problems before money is committed to technology. This foundation course teaches energy professionals how to identify, frame and prioritise credible AI use cases. It separates genuine AI opportunities from conventional automation, software upgrades and poorly defined technology ideas. Learners examine business...

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £495 + VAT where applicable
FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Explain what makes a business problem suitable for AI
- Translate an operational problem into a clear use-case statement
- Assess value, feasibility, data needs and implementation risk
- Distinguish AI from rules-based automation and ordinary software
- Prioritise use cases using a practical scoring framework
- Prepare a concise AI use-case canvas for internal review

Course modules

- 1 AI in the energy value chain and essential terminology
- 2 Problem definition and workflow mapping
- 3 Value, feasibility, data and risk assessment
- 4 Use-case prioritisation and stakeholder alignment
- 5 Practical workshop: prepare an AI use-case canvas

PRACTICAL OUTPUT

Completed AI Use-Case Canvas and prioritisation scorecard

WHO SHOULD ATTEND

Energy managers and operational leaders; Engineers and technical specialists; Business analysts and consultants; Digital transformation and innovation teams; Commercial and strategy professionals.

PREREQUISITES

No programming or data-science experience is required. General familiarity with an energy business, asset, project or commercial process is helpful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

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AIE-202

FOUNDATION COURSE

AI Pilot Planning for Energy Organisations

Turn a selected AI opportunity into a controlled, measurable and governable pilot. This course explains how energy organisations can move from an approved AI idea to a limited pilot without treating experimentation as full deployment. Participants learn how to define scope, responsibilities, data access, safeguards, success measures, decision gates and exit criteria. The focus is practical pilo...

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FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Define the purpose and boundaries of an AI pilot
- Identify stakeholders, owners and approval points
- Specify data inputs, access controls and human oversight
- Create measurable pilot success criteria
- Recognise technical, operational and governance risks
- Prepare a pilot plan and go/no-go decision structure

Course modules

- 1 From use case to pilot hypothesis
- 2 Pilot scope, stakeholders and responsibilities
- 3 Data access, security and governance controls
- 4 Metrics, validation and acceptance criteria
- 5 Practical workshop: build an AI pilot charter

PRACTICAL OUTPUT

AI Pilot Charter with metrics, controls and decision gates

WHO SHOULD ATTEND

AI project sponsors and project managers; Innovation and digital teams; Operations and asset managers; Risk, compliance and information-security personnel; Consultants supporting energy transformation.

PREREQUISITES

Foundation knowledge of AI or completion of AIE-201 is recommended. No coding is required.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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AIE-203

FOUNDATION COURSE

Generative AI for Energy Research and Commercial Analysis

Use generative AI to accelerate research and analysis while maintaining evidence, judgement and source control. This foundation course shows energy professionals how to use generative AI for market research, commercial analysis, document review, briefing preparation and structured comparison. It emphasises verification, source traceability, confidentiality and human judgement....

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £495 + VAT where applicable
FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Structure research questions for effective AI-assisted analysis
- Use AI to compare markets, companies, projects and technologies
- Separate verified evidence from inference and unsupported output
- Apply source-checking and confidentiality controls
- Create useful summaries, comparison tables and decision briefs
- Recognise hallucination, bias and incomplete evidence

Course modules

- 1 Generative AI capabilities and limitations
- 2 Research design and prompt structures
- 3 Evidence verification and source traceability
- 4 Commercial analysis, comparison and briefing workflows
- 5 Practical workshop: produce a verified decision brief

PRACTICAL OUTPUT

Source-controlled energy research and commercial analysis brief

WHO SHOULD ATTEND

Energy analysts and researchers; Commercial, trading and business-development teams; Consultants and market-intelligence professionals; Procurement and project personnel; Graduates entering analytical roles.

PREREQUISITES

Basic computer literacy is required. No technical AI background is necessary. Participants should bring a typical energy research or commercial question where possible.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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AIE-204

FOUNDATION COURSE

AI Agents and Workflow Automation for Energy Teams

Understand how controlled AI-assisted workflows can support recurring energy-sector tasks. This course introduces AI agents, intelligent assistants and workflow automation in practical business terms. Learners map recurring tasks, identify suitable automation stages, define human approval points and assess data-security risks. The course is designed for non-developers who...

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £495 + VAT where applicable
FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Explain the difference between automation, assistants and AI agents
- Map a recurring workflow and identify automation opportunities
- Define inputs, outputs, controls and human approval points
- Recognise confidentiality, accuracy and integration risks
- Evaluate vendor or internal workflow proposals
- Prepare a safe workflow-automation concept

Course modules

- 1 AI agents and workflow terminology
- 2 Process mapping and task decomposition
- 3 Human-in-the-loop controls
- 4 Security, privacy, reliability and escalation
- 5 Practical workshop: design an energy workflow automation concept

PRACTICAL OUTPUT

AI Workflow Map with control and approval points

WHO SHOULD ATTEND

Energy analysts and operations coordinators; Project and commercial teams; Digital-transformation professionals; Consultants and service providers; Managers evaluating automation proposals.

PREREQUISITES

A basic understanding of AI is useful but not essential. No coding or software-development experience is required.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

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AIE-205

FOUNDATION COURSE

AI Governance and AI Literacy for Energy Companies

Build the organisational awareness needed to use AI responsibly and consistently. This foundation course gives managers and employees a practical understanding of AI governance, acceptable use, risk classification, human oversight, accountability and internal controls. It is designed for energy organisations already using or considering generative AI and operational AI tools.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £495 + VAT where applicable
FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Explain why AI governance is required
- Recognise higher-risk and inappropriate AI uses
- Define responsibilities for users, owners and approvers
- Apply human-review and record-keeping principles
- Identify privacy, security, bias and accuracy concerns
- Contribute to an internal AI-use policy and literacy plan

Course modules

- 1 AI governance principles and organisational accountability
- 2 Risk classification and acceptable use
- 3 Human oversight, transparency and record keeping
- 4 Privacy, cyber and third-party considerations
- 5 Practical workshop: prepare an AI governance checklist

PRACTICAL OUTPUT

AI Governance and Responsible-Use Checklist

WHO SHOULD ATTEND

Managers and executives; Compliance, legal-support and risk teams; HR and learning teams; Technology users and project sponsors; Energy professionals responsible for AI-enabled decisions.

PREREQUISITES

No legal, technical or programming background is required.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

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DATA-201

FOUNDATION COURSE

Energy Data Readiness for AI and Digital Projects

Assess whether operational and commercial data is usable before launching a digital initiative. Energy organisations often invest in technology before confirming whether their data is complete, accessible, owned and reliable. This course teaches non-data specialists how to review data sources, quality, ownership, access, integration and traceability at a foundation level.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £495 + VAT where applicable
FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Identify the main categories of energy data
- Recognise common data-quality and accessibility problems
- Map data ownership and responsibility
- Assess basic readiness for AI, analytics or digital-twin use
- Identify security, integration and retention issues
- Prepare a data-readiness register

Course modules

- 1 Operational, asset, market and commercial data
- 2 Data quality, completeness and consistency
- 3 Ownership, access and governance
- 4 Integration, security and traceability
- 5 Practical workshop: complete a data-readiness assessment

PRACTICAL OUTPUT

Energy Data Readiness Register

WHO SHOULD ATTEND

Engineers and asset managers; Analysts and project managers; Operations and maintenance teams; Digital and transformation personnel; Consultants supporting AI or data projects.

PREREQUISITES

No database or programming knowledge is required. Familiarity with a business process or asset data source is helpful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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CYB-201

FOUNDATION COURSE

Cybersecurity Awareness for Energy Managers and Engineers

Understand cyber risk well enough to make safer operational and project decisions. This non-technical course bridges the communication gap between cybersecurity specialists and energy personnel. It explains how cyber incidents can affect operations, safety, availability and commercial performance, and what managers and engineers should recognise, question and escalate.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Recognise common cyber threats affecting energy organisations
- Distinguish IT and operational-technology exposure
- Identify unsafe access, supplier and remote-working practices
- Understand incident escalation and business continuity roles
- Ask appropriate cyber questions during projects and procurement
- Contribute to a basic cyber-risk review

Course modules

- 1 Energy-sector threat landscape
- 2 IT, OT and connected-asset fundamentals
- 3 Ransomware, phishing, remote access and supplier risk
- 4 Incident response, escalation and continuity
- 5 Practical workshop: energy cyber-risk scenario

PRACTICAL OUTPUT

Cyber-Risk Awareness and Escalation Checklist

WHO SHOULD ATTEND

Operations and maintenance managers; Engineers and project managers; Asset owners and technical buyers; Renewable, utility, nuclear and oil and gas personnel; Suppliers connecting to energy systems.

PREREQUISITES

No cybersecurity background is required. The course does not train participants to configure security systems.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

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CYB-202

FOUNDATION COURSE

OT and SCADA Cyber-Risk Fundamentals

Recognise the specific cyber risks associated with industrial control and operational systems. This course introduces operational technology, SCADA and industrial control systems from a risk and management perspective. It helps non-cyber specialists understand segmentation, remote access, legacy equipment, third-party connections and change control without claiming technical...

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Identify common OT and SCADA components
- Explain why conventional IT controls may be insufficient
- Recognise remote-access, legacy-system and vendor risks
- Understand segmentation and controlled-change principles
- Participate in an OT cyber-risk review
- Escalate unsafe or unclear control arrangements

Course modules

- 1 OT, ICS and SCADA concepts
- 2 Energy-asset connectivity and attack pathways
- 3 Segmentation, access and vendor controls
- 4 Patch, change and incident-management constraints
- 5 Practical workshop: review an OT access scenario

PRACTICAL OUTPUT

OT Cyber-Risk Review Worksheet

WHO SHOULD ATTEND

Plant and control-room managers; Project and maintenance engineers; Asset and reliability managers; Technology vendors and system integrators; Risk and compliance professionals.

PREREQUISITES

CYB-201 or equivalent awareness is recommended. No networking or programming expertise is required.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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DIG-201

FOUNDATION COURSE

Digital Twin Readiness for Energy Assets

Determine what must be in place before commissioning a digital twin. This course clarifies what a digital twin is, what it is not, and how asset owners should define purpose, data, model scope, integration, ownership and success measures. It helps buyers challenge vague vendor claims and avoid technology-led projects without a clear operational objective.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Distinguish digital twins from dashboards, models and simulations
- Define the operational purpose and user group
- Identify sensor, historian and data requirements
- Recognise integration, ownership and lifecycle issues
- Evaluate vendor claims and proposed benefits
- Prepare a digital-twin readiness brief

Course modules

- 1 Digital-twin concepts and maturity levels
- 2 Business purpose and asset scope
- 3 Data, sensors, models and integration
- 4 Governance, ownership and vendor evaluation
- 5 Practical workshop: digital-twin readiness brief

PRACTICAL OUTPUT

Digital Twin Readiness Brief

WHO SHOULD ATTEND

Asset and maintenance managers; Engineers and reliability teams; Digital-transformation leaders; Project sponsors and procurement personnel; Technology suppliers and consultants.

PREREQUISITES

General familiarity with an energy asset or industrial process is recommended. No modelling or coding experience is needed.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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LEARNING PATHWAY

Supply Chain, Procurement and Project Delivery

Supplier qualification, evidence files, procurement evaluation, EPC risk and disciplined project decision-gate control.

- **SUP-201** Energy Supplier Prequalification and Tender Readiness
- **SUP-202** Energy Supplier Audit and Evidence-File Preparation
- **PRC-201** Energy Procurement Evaluation for Non-Procurement Managers
- **EPC-201** EPC Contract Risk Fundamentals for Energy Projects
- **EPM-201** Energy Project Development from Concept to Final Investment Decision
- **EPM-202** Energy Project Documentation and Decision-Gate Control

SUP-201

FOUNDATION COURSE

Energy Supplier Prequalification and Tender Readiness

Prepare an organisation to register, qualify and compete for energy-sector opportunities. This practical course explains the documents, evidence and internal controls commonly required during vendor registration, prequalification and tendering. It helps suppliers distinguish marketing claims from verifiable capability and identify gaps before approaching operators, utilities, EPC...

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £495 + VAT where applicable
FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Explain vendor registration and prequalification stages
- Identify common corporate, financial, technical, quality and HSE evidence
- Assess organisational readiness for a target opportunity
- Recognise inconsistent or unsupported claims
- Prepare a gap-closure action plan
- Develop a tender-readiness checklist

Course modules

- 1 Energy buyer and supply-chain structures
- 2 Vendor registration and PQQ requirements
- 3 Capability, quality, HSE and financial evidence
- 4 Tender-readiness and bid/no-bid considerations
- 5 Practical workshop: supplier readiness assessment

PRACTICAL OUTPUT

Supplier Prequalification Gap Assessment

WHO SHOULD ATTEND

SME owners and directors; Tender and bid coordinators; Business-development teams; Quality, HSE and compliance managers; Manufacturers, engineering firms and technology suppliers.

PREREQUISITES

No previous energy tendering experience is required. Participants should ideally understand their organisation's services, products and certifications.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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SUP-202

FOUNDATION COURSE

Energy Supplier Audit and Evidence-File Preparation

Build an organised evidence file for buyer, EPC or operator review. This course teaches suppliers how to organise policies, procedures, certificates, records and implementation evidence so that claims can be verified. It focuses on evidence quality, consistency, expiry control, ownership and audit preparation.

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FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Distinguish policies from implementation evidence
- Create an indexed and controlled evidence file
- Check expiry, ownership and internal consistency
- Link tender claims to supporting records
- Prepare for common audit questions
- Identify priority documentation gaps

Course modules

- 1 Buyer audit expectations
- 2 Evidence hierarchy and document control
- 3 Quality, HSE, competence and delivery records
- 4 Audit preparation and interview readiness
- 5 Practical workshop: build an evidence-file index

PRACTICAL OUTPUT

Supplier Audit Evidence Index

WHO SHOULD ATTEND

Quality and HSE personnel; Tender and commercial teams; Operations managers; SME directors; Suppliers entering regulated or major-project supply chains.

PREREQUISITES

Participants should have access to, or familiarity with, their organisation's policies and records. SUP-201 is helpful but not mandatory.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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www.courses.energy



PRC-201

FOUNDATION COURSE

Energy Procurement Evaluation for Non-Procurement Managers

Participate in supplier selection using structured, defensible criteria. Technical managers and project leaders are often asked to evaluate suppliers without formal procurement training. This course explains evaluation governance, whole-life value, scoring, conflicts of interest, technical- commercial balance and decision records.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £495 + VAT where applicable
FOUNDING FEE £395 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £3,500

Learning outcomes

- Define clear and proportionate evaluation criteria
- Distinguish lowest price from whole-life value
- Evaluate technical and commercial submissions consistently
- Recognise conflicts, bias and unsupported scoring
- Record decisions and clarification questions
- Identify supplier concentration and delivery risk

Course modules

- 1 Procurement governance and evaluator responsibilities
- 2 Criteria, weighting and scoring
- 3 Technical-commercial evaluation
- 4 Clarifications, conflicts and decision records
- 5 Practical workshop: evaluate sample supplier submissions

PRACTICAL OUTPUT

Supplier Evaluation Matrix and Decision Record

WHO SHOULD ATTEND

Project managers and engineers; Operations and maintenance managers; Budget holders and technical evaluators; Public-sector energy personnel; Developers and asset owners.

PREREQUISITES

No procurement qualification is required. General experience of purchasing, projects or supplier interaction is useful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



EPC-201

FOUNDATION COURSE

EPC Contract Risk Fundamentals for Energy Projects

Understand the commercial risk structure of engineering, procurement and construction contracts. This foundation course explains how scope, interfaces, programme, payment, variations, performance obligations and security provisions allocate risk in EPC projects. It is designed for professionals who work alongside contracts specialists but need to recognise issues early.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Explain the basic EPC delivery model
- Identify scope, interface and responsibility risks
- Recognise delay, variation and payment issues
- Understand performance security and acceptance concepts
- Use a responsibility matrix to expose gaps
- Escalate contractual concerns appropriately

Course modules

- 1 EPC structure and risk allocation
- 2 Scope, interfaces and responsibility matrices
- 3 Programme, delay, variation and payment
- 4 Testing, acceptance and performance security
- 5 Practical workshop: EPC risk review

PRACTICAL OUTPUT

EPC Contract Risk Checklist

WHO SHOULD ATTEND

Project managers and engineers; Commercial and procurement coordinators; Developers and project owners; EPC and subcontractor personnel; Suppliers supporting major energy projects.

PREREQUISITES

No legal qualification is required. The course provides commercial awareness and does not replace legal advice.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



EPM-201

FOUNDATION COURSE

Energy Project Development from Concept to Final Investment Decision

Understand the decisions and evidence required to move an energy project towards investment approval. This course explains the development pathway from initial concept through feasibility, site and resource work, permits, technology selection, contracts, financing and final investment decision. It helps participants understand dependencies and why technically attractive projects may...

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Map the main energy project development stages
- Identify key technical, commercial and regulatory dependencies
- Recognise bankability and readiness gaps
- Understand the purpose of decision gates
- Prepare an initial project-readiness assessment
- Communicate project risks to decision makers

Course modules

- 1 Project concept and strategic fit
- 2 Feasibility, site, permits and stakeholders
- 3 Contracts, offtake, financing and risk allocation
- 4 Decision gates and FID readiness
- 5 Practical workshop: project-readiness map

PRACTICAL OUTPUT

Project Development and FID Readiness Map

WHO SHOULD ATTEND

Project developers and managers; Energy analysts and consultants; Commercial and investment teams; Public-sector project personnel; Professionals entering renewable, storage, hydrogen or infrastructure development.

PREREQUISITES

No financial-modelling or engineering qualification is required. General energy-sector awareness is recommended.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



EPM-202

FOUNDATION COURSE

Energy Project Documentation and Decision-Gate Control

Organise project evidence so that major decisions are traceable and defensible. This course introduces practical document control at project decision gates. Learners examine ownership, version control, assumptions, approvals, actions and evidence completeness. It is especially relevant where multiple technical, commercial and external teams contribute to a project.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Define required evidence for a project decision gate
- Assign document ownership and approval responsibility
- Control versions, assumptions and outstanding actions
- Identify incomplete or contradictory records
- Create a decision-gate document register
- Improve auditability and organisational memory

Course modules

- 1 Decision gates and evidence requirements
- 2 Document ownership and approval
- 3 Version, assumption and action control
- 4 Completeness review and decision records
- 5 Practical workshop: build a gate document register

PRACTICAL OUTPUT

Decision-Gate Document Register

WHO SHOULD ATTEND

Project coordinators and managers; Document controllers; Engineers and commercial teams; Developers and EPC organisations; Nuclear and infrastructure suppliers.

PREREQUISITES

No formal document-control qualification is required. Familiarity with project documentation is helpful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



LEARNING PATHWAY

Nuclear Supply-Chain Readiness ●

Foundation-level preparation for industrial suppliers entering nuclear work, quality culture and tender readiness.

- **NUC-201** Nuclear Supply-Chain Entry for Industrial Companies
- **NUC-202** Nuclear Quality Culture and Documentation Fundamentals
- **NUC-203** Nuclear Tender and Commercial Readiness

NUC-201

FOUNDATION COURSE

Nuclear Supply-Chain Entry for Industrial Companies

Understand what an industrial supplier must change before pursuing nuclear work. This course introduces nuclear-sector expectations for quality culture, traceability, competence, documentation, controlled change and supplier assurance. It helps companies assess whether nuclear is a realistic target market and what readiness work is required before bidding.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £595 + VAT where applicable
FOUNDING FEE £495 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,500

Learning outcomes

- Explain why nuclear supply chains demand enhanced assurance
- Identify organisational, quality and documentation expectations
- Assess current capability against nuclear-readiness factors
- Recognise traceability and competence requirements
- Prepare a staged supply-chain entry plan
- Avoid premature or unsupported market claims

Course modules

- 1 Nuclear market and supply-chain structure
- 2 Safety culture and supplier expectations
- 3 Quality, traceability and competence
- 4 Market entry, qualification and evidence gaps
- 5 Practical workshop: nuclear readiness assessment

PRACTICAL OUTPUT

Nuclear Supply-Chain Entry Action Plan

WHO SHOULD ATTEND

Manufacturers and engineering companies; Construction and specialist service providers; SME directors and commercial managers; Quality and HSE managers; Technology companies considering nuclear opportunities.

PREREQUISITES

No nuclear background is required. Participants should understand their organisation's products, services and current management systems.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



NUC-202

FOUNDATION COURSE

Nuclear Quality Culture and Documentation Fundamentals

Build foundation-level awareness of the behaviours and records expected in nuclear work. This course explains how nuclear quality depends on disciplined behaviour, accurate records, questioning attitudes, controlled change and prompt reporting of concerns. It does not certify participants for safety-critical work; it prepares suppliers and new personnel to understand the environment.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £595 + VAT where applicable
FOUNDING FEE £495 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,500

Learning outcomes

- Explain nuclear quality and safety-culture principles
- Recognise poor records and weak traceability
- Understand configuration and change-control concepts
- Identify non-conformance and escalation responsibilities
- Contribute to a questioning and accountable culture
- Prepare a basic documentation-control checklist

Course modules

- 1 Nuclear quality culture and personal responsibility
- 2 Traceability, records and evidence
- 3 Configuration and controlled change
- 4 Non-conformance, learning and escalation
- 5 Practical workshop: review a documentation scenario

PRACTICAL OUTPUT

Nuclear Documentation and Quality-Culture Checklist

WHO SHOULD ATTEND

New nuclear-sector personnel; Industrial suppliers entering nuclear; Quality and project teams; Engineers and document controllers; Managers onboarding teams to nuclear projects.

PREREQUISITES

No nuclear qualification is required. NUC-201 is recommended for organisations new to the sector.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

www.courses.energy



NUC-203

FOUNDATION COURSE

Nuclear Tender and Commercial Readiness

Assess whether a supplier can responsibly pursue a nuclear tender. This course gives tender, commercial and technical teams a structured approach to nuclear bid/no-bid decisions. Learners identify mandatory requirements, evidence gaps, flow-down obligations, delivery risks, resource demands and clarification needs before committing to a bid.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £595 + VAT where applicable
FOUNDING FEE £495 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,500

Learning outcomes

- Interpret nuclear tender qualification requirements
- Conduct a structured bid/no-bid review
- Map evidence against mandatory requirements
- Identify contractual, quality and delivery risks
- Prepare clarification questions and assumptions
- Create a tender-readiness action plan

Course modules

- 1 Nuclear procurement and tender structure
- 2 Mandatory requirements and evidence mapping
- 3 Flow-down, subcontracting and delivery risk
- 4 Bid/no-bid governance and clarifications
- 5 Practical workshop: nuclear tender review

PRACTICAL OUTPUT

Nuclear Bid/No-Bid and Evidence Matrix

WHO SHOULD ATTEND

Tender and bid managers; Commercial managers; Technical directors and engineers; Quality and supply-chain teams; Industrial suppliers pursuing nuclear contracts.

PREREQUISITES

Basic tendering experience is recommended. NUC-201 is helpful but not mandatory.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



LEARNING PATHWAY

Carbon, CBAM and Product Emissions

CBAM obligations, embedded-emissions evidence, product carbon intensity and controlled carbon-data audit readiness.

- **CAR-201** CBAM Fundamentals for Importers, Exporters and Suppliers
- **CAR-202** Embedded-Emissions Data Collection for CBAM
- **CAR-203** Product Carbon Intensity for Energy and Commodity Transactions
- **CAR-204** Carbon Data Controls and Audit Readiness

CAR-201

FOUNDATION COURSE

CBAM Fundamentals for Importers, Exporters and Suppliers

Understand how carbon border requirements affect products, data and trading relationships. This course introduces the EU Carbon Border Adjustment Mechanism from a practical business perspective. It explains covered activities, importer and installation roles, embedded-emissions information, supplier communication, reporting responsibilities and common misunderstandings.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Explain the purpose and structure of CBAM
- Identify potentially relevant goods and business relationships
- Distinguish importer, declarant and installation responsibilities
- Recognise core embedded-emissions data needs
- Prepare supplier and customer questions
- Identify when specialist advice is required

Course modules

- 1 CBAM purpose, scope and business roles
- 2 Covered products and supply-chain relationships
- 3 Embedded-emissions information
- 4 Data requests, records and common errors
- 5 Practical workshop: CBAM responsibility map

PRACTICAL OUTPUT

CBAM Responsibility and Data-Requirement Map

WHO SHOULD ATTEND

Importers and exporters; Procurement and trade-compliance teams; Manufacturers supplying European customers; Customs and logistics professionals; Sustainability and commercial personnel.

PREREQUISITES

No carbon-accounting or legal background is required. Participants should know the basic products and trade routes relevant to their organisation.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

www.courses.energy



CAR-202

FOUNDATION COURSE

Embedded-Emissions Data Collection for CBAM

Create a controlled process for requesting, reviewing and retaining supplier emissions data. This practical course focuses on the operational challenge behind CBAM: obtaining complete, consistent and supportable information from suppliers and installations. Learners build a data-request process, completeness checks, evidence trail and escalation route.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Define the information required from suppliers
- Prepare clear and repeatable data requests
- Check submissions for completeness and inconsistency
- Distinguish actual, estimated and default information
- Maintain evidence, ownership and version control
- Escalate missing or questionable data

Course modules

- 1 CBAM data workflow and responsibilities
- 2 Supplier data requests and communication
- 3 Completeness, consistency and evidence checks
- 4 Records, escalation and internal controls
- 5 Practical workshop: build a CBAM data-request pack

PRACTICAL OUTPUT

CBAM Supplier Data-Request and Review Pack

WHO SHOULD ATTEND

Procurement and supplier-management teams; Sustainability and carbon personnel; Trade compliance and customs teams; EU importers; Non-EU manufacturers supplying Europe.

PREREQUISITES

A basic understanding of CBAM is recommended. CAR-201 or equivalent knowledge is suitable.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

www.courses.energy



CAR-203

FOUNDATION COURSE

Product Carbon Intensity for Energy and Commodity Transactions

Use product-level carbon information more intelligently in procurement and sales discussions. This course explains product carbon intensity, system boundaries, allocation, comparability and claims in accessible commercial language. It helps learners question apparently precise figures, recognise incompatible comparisons and understand how carbon intensity may influence procurement,...

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Distinguish product carbon intensity from corporate emissions
- Recognise boundary, allocation and data-quality issues
- Compare carbon-intensity claims cautiously
- Identify evidence needed to support commercial claims
- Integrate carbon information into procurement and sales questions
- Recognise greenwashing and misleading comparisons

Course modules

- 1 Product carbon-intensity concepts
- 2 Boundaries, allocation and data sources
- 3 Comparability, assurance and claims
- 4 Commercial use in procurement and sales
- 5 Practical workshop: review competing carbon claims

PRACTICAL OUTPUT

Product Carbon-Intensity Comparison Checklist

WHO SHOULD ATTEND

Commodity procurement and sales teams; Energy traders and analysts; Sustainability professionals; Commercial managers; Fuel, hydrogen, LNG, metals and industrial-product companies.

PREREQUISITES

No advanced carbon-accounting knowledge is required. Basic familiarity with energy or commodity transactions is useful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



CAR-204

FOUNDATION COURSE

Carbon Data Controls and Audit Readiness

Create reliable ownership, evidence and version controls around carbon information. This course introduces the internal controls needed before customer review, assurance or audit of carbon data. It focuses on responsibilities, source records, calculation versions, approvals, changes, retention and traceability rather than advanced calculation methods.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Assign ownership for carbon-data inputs and outputs
- Document sources, assumptions and calculation versions
- Recognise weak or incomplete audit trails
- Control changes and approvals
- Prepare evidence for review or assurance
- Create a carbon-data control register

Course modules

- 1 Carbon-data governance and ownership
- 2 Sources, assumptions and calculation records
- 3 Version, approval and change control
- 4 Audit trails, evidence retention and issue management
- 5 Practical workshop: carbon-data control register

PRACTICAL OUTPUT

Carbon Data Control and Evidence Register

WHO SHOULD ATTEND

Sustainability and carbon teams; Finance and internal-audit personnel; Compliance and risk teams; Procurement and data owners; Industrial exporters and energy companies.

PREREQUISITES

Basic familiarity with organisational emissions or product data is helpful. No audit qualification is required.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



LEARNING PATHWAY

Grid, Storage, Hydrogen and Industrial Decarbonisation

Commercial readiness for grid connections, flexibility, battery storage, hydrogen projects and industrial clean heat.

- **GRID-201** Grid Connection Readiness for Renewable and Storage Projects
- **GRID-202** Electricity Flexibility and Demand-Response Fundamentals
- **BESS-201** Battery Storage Project Commercial Readiness
- **BESS-202** Battery Storage Procurement and Vendor Comparison
- **H2-201** Hydrogen Project Commercial Readiness
- **H2-202** Hydrogen Offtake, Certification and Market-Entry Fundamentals
- **IND-201** Industrial Electrification and Clean-Heat Project Readiness

GRID-201

FOUNDATION COURSE

Grid Connection Readiness for Renewable and Storage Projects

Understand the information, stakeholders and risks involved before submitting or acquiring a grid-connected project. This course gives non-grid specialists a practical overview of connection capacity, application stages, studies, queues, agreements, programme risk and project information requirements. It does not train participants to conduct power-system studies.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £595 + VAT where applicable
FOUNDING FEE £495 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,500

Learning outcomes

- Explain the grid-connection process and principal stakeholders
- Identify basic project information required for connection work
- Recognise queue, capacity, programme and cost risks
- Understand the purpose of studies and agreements
- Question project claims during due diligence
- Prepare a grid-connection readiness checklist

Course modules

1 Grid structure and connection stakeholders

2 Application stages and project information

3 Capacity, queue, studies and programme risk

4 Agreements, milestones and due diligence

5 Practical workshop: grid-readiness review

PRACTICAL OUTPUT

Grid Connection Readiness Checklist

WHO SHOULD ATTEND

Renewable and BESS developers; Project managers and investors; Commercial and acquisition teams; Consultants and public-sector project personnel; Data-centre and EV-infrastructure developers.

PREREQUISITES

No electrical-engineering qualification is required. General familiarity with a proposed energy project is helpful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



GRID-202

FOUNDATION COURSE

Electricity Flexibility and Demand-Response Fundamentals

Understand how flexible demand, storage and generation support modern power systems. This course introduces flexibility, demand response, aggregation, balancing and local network constraints. Learners explore how industrial loads, batteries, generation and controllable assets may create operational or commercial value.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £595 + VAT where applicable
FOUNDING FEE £495 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,500

Learning outcomes

- Explain why power systems need flexibility
- Identify potentially flexible assets and loads
- Understand basic participation and aggregation models
- Recognise operational, contractual and measurement constraints
- Compare flexibility options at a foundation level
- Prepare an initial flexibility-opportunity map

Course modules

- 1 Electricity-system balancing and constraints
- 2 Demand response, storage and flexible generation
- 3 Aggregation and participation routes
- 4 Operational, data and commercial considerations
- 5 Practical workshop: map a flexibility opportunity

PRACTICAL OUTPUT

Flexibility Opportunity Map

WHO SHOULD ATTEND

Energy managers and large energy users; Utilities, retailers and aggregators; BESS and renewable professionals; Analysts and consultants; Local authorities and energy-community personnel.

PREREQUISITES

No electricity-market or engineering qualification is required. Basic energy-sector awareness is recommended.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

www.courses.energy



BESS-201

FOUNDATION COURSE

Battery Storage Project Commercial Readiness

Assess the core commercial assumptions behind a battery energy storage project. This course introduces power, capacity, duration, degradation, efficiency, availability, warranties, revenue sources and operating strategy. It helps non-specialists identify where attractive headline returns may depend on weak assumptions.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £595 + VAT where applicable
FOUNDING FEE £495 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,500

Learning outcomes

- Explain the principal technical-commercial characteristics of BESS
- Distinguish power, energy and duration
- Recognise degradation, warranty and availability issues
- Understand revenue stacking and operating trade-offs
- Identify key project-readiness dependencies
- Prepare a basic BESS commercial review

Course modules

- 1 BESS concepts and project components
- 2 Power, energy, duration and degradation
- 3 Revenue sources and operating strategy
- 4 Warranty, grid, delivery and commercial risks
- 5 Practical workshop: BESS readiness assessment

PRACTICAL OUTPUT

BESS Commercial Readiness Worksheet

WHO SHOULD ATTEND

BESS and renewable developers; Investors and analysts; Project and commercial managers; Utilities and large energy users; Consultants entering the storage market.

PREREQUISITES

No battery-engineering or financial-modelling experience is required. Basic electricity-market awareness is helpful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



BESS-202

FOUNDATION COURSE

Battery Storage Procurement and Vendor Comparison

Compare BESS proposals beyond headline price and capacity. This course teaches buyers how to review vendor scope, technology assumptions, warranties, degradation, availability, integration, exclusions and long-term service arrangements. It supports structured clarification and comparison but does not replace technical design review.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £595 + VAT where applicable
FOUNDING FEE £495 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,500

Learning outcomes

- Identify the major elements of a BESS supplier proposal
- Compare warranties and degradation assumptions
- Recognise scope exclusions and interface risks
- Evaluate availability, service and replacement provisions
- Prepare clarification questions
- Create a defensible vendor-comparison matrix

Course modules

- 1 BESS procurement scope and interfaces
- 2 Technical-commercial proposal structure
- 3 Warranties, degradation and availability
- 4 Service, exclusions, pricing and risk
- 5 Practical workshop: compare vendor proposals

PRACTICAL OUTPUT

BESS Vendor Comparison Matrix

WHO SHOULD ATTEND

Procurement and commercial teams; BESS developers and asset owners; Investors and lenders' advisers; Project managers and consultants; Industrial companies procuring storage.

PREREQUISITES

BESS-201 or equivalent foundation knowledge is recommended.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

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Register your interest - no payment is required

www.courses.energy



H2-201

FOUNDATION COURSE

Hydrogen Project Commercial Readiness

Understand the dependencies that determine whether a hydrogen project can progress commercially. This course introduces hydrogen production routes, power and water needs, infrastructure, offtake, certification, carbon intensity, contracts and project economics at foundation level. It focuses on project readiness rather than process engineering.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Distinguish major hydrogen project types
- Identify power, water, site and infrastructure requirements
- Recognise the importance of offtake and certification
- Map key commercial and regulatory dependencies
- Assess basic project readiness
- Identify questions requiring specialist analysis

Course modules

- 1 Hydrogen value chain and project types
- 2 Inputs, infrastructure and technology interfaces
- 3 Offtake, certification and carbon intensity
- 4 Commercial dependencies and readiness risks
- 5 Practical workshop: hydrogen project readiness map

PRACTICAL OUTPUT

Hydrogen Project Readiness Map

WHO SHOULD ATTEND

Hydrogen project developers; Energy analysts and consultants; Commercial and investment teams; Industrial users and infrastructure organisations; Government and policy professionals.

PREREQUISITES

No chemical-engineering or financial-modelling expertise is required. General energy knowledge is useful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



H2-202

FOUNDATION COURSE

Hydrogen Offtake, Certification and Market-Entry Fundamentals

Understand why production capability alone does not create a bankable hydrogen business. This course focuses on demand, offtake, customer requirements, certification, market routes and infrastructure. Learners examine how producers and buyers can structure early commercial discussions and identify demand risks.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Identify credible hydrogen customer segments
- Explain the purpose of offtake arrangements
- Recognise certification and carbon-intensity requirements
- Compare potential market-entry routes
- Identify infrastructure and demand risks
- Prepare an initial offtake discussion framework

Course modules

- 1 Hydrogen demand and customer segmentation
- 2 Offtake structures and commercial alignment
- 3 Certification, claims and customer evidence
- 4 Infrastructure and market-entry routes
- 5 Practical workshop: prepare an offtake framework

PRACTICAL OUTPUT

Hydrogen Offtake Discussion Framework

WHO SHOULD ATTEND

Hydrogen commercial teams; Project developers and consultants; Industrial buyers and transport companies; Port and infrastructure organisations; Public-sector and investment professionals.

PREREQUISITES

H2-201 or equivalent hydrogen foundation knowledge is recommended.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

www.courses.energy



IND-201

FOUNDATION COURSE

Industrial Electrification and Clean-Heat Project Readiness

Evaluate the early-stage suitability of electrification and clean-heat options for industrial sites. This foundation course helps energy and facility teams map heat demand, temperature levels, operating patterns, electricity constraints and candidate technologies. It supports preparation for a proper feasibility study without promising engineering design competence.

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Map industrial heat uses and operating requirements
- Identify temperature and process constraints
- Compare initial electrification and clean-heat options
- Recognise grid, space and operational dependencies
- Prepare a preliminary feasibility brief
- Identify data required for specialist assessment

Course modules

- 1 Industrial heat demand and process mapping
- 2 Electrification, heat pumps and clean-heat options
- 3 Grid, site and operating constraints
- 4 Feasibility data and decision criteria
- 5 Practical workshop: clean-heat readiness brief

PRACTICAL OUTPUT

Industrial Clean-Heat Readiness Brief

WHO SHOULD ATTEND

Industrial energy and facility managers; Process and maintenance engineers; Sustainability and decarbonisation teams; Consultants and project developers; Public-sector estate managers.

PREREQUISITES

General knowledge of the relevant facility or process is recommended. No specialist heat-pump or electrical design experience is required.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

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LEARNING PATHWAY

Commercial Risk and Counterparty Due Diligence

Structured initial screening of energy counterparties, authority, ownership, sanctions exposure and transaction credibility.

- **COM-201** Energy Counterparty Due Diligence and Transaction Risk Screening

COM-201

FOUNDATION COURSE

Energy Counterparty Due Diligence and Transaction Risk Screening

Conduct a structured initial review before a proposed energy relationship or transaction proceeds. This course teaches professionals how to verify legal identity, authority, ownership, commercial consistency, sanctions exposure, documentary credibility and transaction logic. It is an initial screening course and does not replace legal, banking, sanctions or forensic due...

LEVEL Foundation	FORMAT Live online	GUIDED LEARNING 5-5.5 guided hours	STANDARD FEE £545 + VAT where applicable
FOUNDING FEE £445 + VAT where applicable	ASSESSMENT 80% pass + practical task	CERTIFICATE Uniquely numbered Foundation Certificate	CORPORATE DELIVERY From £4,000

Learning outcomes

- Confirm legal identity and authority
- Review ownership and business credibility
- Identify sanctions and adverse-information indicators
- Test transaction and document consistency
- Recognise common warning signs and implausible procedures
- Prepare an escalation report for specialist review

Course modules

- 1 Counterparty identity, authority and ownership
- 2 Commercial credibility and transaction logic
- 3 Sanctions, adverse information and escalation
- 4 Document consistency and warning signs
- 5 Practical workshop: initial counterparty screening

PRACTICAL OUTPUT

Counterparty Due-Diligence Screening Report

WHO SHOULD ATTEND

Energy traders and brokers; Procurement and commercial teams; Business-development professionals; Logistics and service providers; SMEs entering international energy transactions.

PREREQUISITES

No legal or compliance qualification is required. Basic commercial experience is helpful.

ASSESSMENT

Knowledge assessment plus the practical output. Learners must achieve the 80% pass standard and meet attendance requirements. One free resit is included.

COURSE SCOPE

This is a foundation programme. It develops awareness, structured review skills and practical readiness. It does not certify technical competence, regulatory compliance, legal sufficiency or professional authorisation.

Register your interest - no payment is required

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Private and corporate delivery

Courses can be delivered privately for companies, government bodies, universities and professional groups. Delivery may be contextualised using the client's sector, operating model and non-confidential examples.

01 Private cohort delivery

A dedicated live-online course for one organisation, with controlled attendance and a confirmed schedule.

02 Contextualised examples

Sector-specific examples and practical exercises can be aligned to the client's operating environment.

03 Cohort reporting

Attendance, assessment status and certificate records can be supplied to the authorised client contact.

04 Multi-course pathways

Organisations can combine courses into structured development pathways for defined teams and roles.

05 Universities and professional groups

Delivery can support executive education, employability programmes and professional-development activity.

06 Scope controls

Customisation remains within the published educational scope and does not replace regulated or specialist advice.

Request a corporate delivery proposal

info@ukpetroleum.com | +44 20 3355 2039 | +44 20 3355 5440

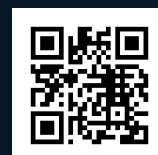
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Registration and contact

Register your interest online. No payment is required at the expression-of-interest stage. Course dates, cohort formation, delivery arrangements and VAT treatment are confirmed before paid enrolment opens.

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