

# Introduction to the GB energy markets academy

## Learning and development objectives:

- How the gas and electricity markets are structured and the role of key market authorities
- How competitive gas and electricity markets are designed to deliver good consumer outcomes
- How energy policy programmes are designed to decarbonise the sector and how costs are recovered from customers
- Who the key players in the retail and wholesale markets are
- Where we get our gas and electricity from and implications for market prices
- The principles for regulating energy networks and how these flow through to charges for users

## Session 1 – Consumer Markets

	<b>Introduction &amp; welcome</b>
<b>10 am</b>	<ul style="list-style-type: none"> <li>• Tech check!</li> <li>• Aim and objectives</li> </ul>
	<b>Market landscape and the role of a supplier</b>
<b>Module 1</b>	<ul style="list-style-type: none"> <li>• State of the supply (retail) market             <ul style="list-style-type: none"> <li>○ Market shares</li> <li>○ Recent entry and exits</li> <li>○ Customer switching activity</li> </ul> </li> <li>• Differences between domestic (household) and non-domestic (business) supply</li> <li>• The role of the supplier             <ul style="list-style-type: none"> <li>○ Buying services on behalf of customers</li> <li>○ Designing contracts and tariffs</li> <li>○ Policy delivery</li> <li>○ Customer protection</li> </ul> </li> </ul>
<b>Break</b>	
	<b>A supplier's costs lifecycle and market evolution</b>
<b>Module 2</b>	<ul style="list-style-type: none"> <li>• Where do costs land over the year?</li> <li>• Pricing and passing through costs to customers</li> <li>• How is the market evolving?</li> </ul>
<b>11.45</b>	<b>Q&amp;A</b>
<b>12.00</b>	<b>What we will cover off in future sessions and close</b>

## Session 2 – Energy production and wholesale markets

- Introduction & welcome**
- 10 am
- Tech check!
  - Aim and objectives
- Energy production**
- Module 3
- Gas production
    - Where do we source our gas from?
  - Electricity generation
    - Electricity generation mix trends
  - Outlook for the future

### Break

- Wholesale markets and trading**
- Module 4
- Trading in the wholesale market
    - Different approaches to contracting
  - Understanding wholesale gas and power formation and drivers

### 11.45 Q&A

12.00 What we will cover off in future sessions and close

## Session 3 – Market Design

- Introduction & welcome**
- 10 am
- Tech check!
  - Aim and objectives
- Market design**
- Module 5
- Design and operation of electricity and gas systems
  - The incentive to trade – aka avoiding imbalance

### Break

- The role of System Operators**
- Module 6
- Responsibilities of system operators
  - System management and balancing tools
  - Imbalance pricing

### 11.45 Q&A

12.00 What we will cover off in future sessions and close

## Session 4 – Energy policy and networks

- Introduction & welcome**
- 10 am
- Tech check!
  - Aim and objectives
- Energy networks**
- Module 7
- Defining gas and electricity networks

- Regulating networks – introduction to Price Controls
- Cost reflective charging – how users are charged for using gas and electricity networks
- Overview of upcoming changes

## Break

### Energy policy

#### Module 8

- Evolution of energy policy
- Supporting renewables, energy efficiency and affordability
- Paying for policy schemes

11.45

Q&A

12.00

Close and next steps (plenary session)