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

10 am	**Introduction & welcome** • Tech check! • Aim and objectives

Module 1	**Market landscape and the role of a supplier**
	• State of the supply (retail) market
	  ○ Market shares
	  ○ Recent entry and exits
	  ○ Customer switching activity
	• Differences between domestic (household) and non-domestic (business) supply
	• The role of the supplier
	  ○ Buying services on behalf of customers
	  ○ Designing contracts and tariffs
	  ○ Policy delivery
	  ○ Customer protection

Break	
Module 2	**A supplier's costs lifecycle and market evolution** • Where do costs land over the year? • Pricing and passing through costs to customers • How is the market evolving?
11.45	**Q&A**
12.00	**What we will cover off in future sessions and close**

Session 2 – Energy production and wholesale markets

10 am	**Introduction & welcome** • Tech check! • Aim and objectives

Module 3	**Energy production**
	• Gas production
	  ○ Where do we source our gas from?
	• Electricity generation
	  ○ Electricity generation mix trends
	• Outlook for the future

Break	
Module 4	**Wholesale markets and trading** • 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

10 am	**Introduction & welcome** • Tech check! • Aim and objectives
Module 5	**Market design** • Design and operation of electricity and gas systems • The incentive to trade – aka avoiding imbalance
Break	
Module 6	**The role of System Operators** • 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

10 am	**Introduction & welcome** • Tech check! • Aim and objectives
Module 7	**Energy networks** • 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	
Module 8	**Energy policy** • 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)**