GB wholesale energy markets and risk management

Learning and development objectives:

- Understand wholesale energy market design
- Comprehend market price drivers and participants
- Be able to identify wholesale energy market risks
- Understand approaches to risk management
- Be able to explain which suppliers and generators are active in the wholesale market
- An understanding of how to measure/ quantify market price risk
- Understand risk metrics and their uses, including Value at Risk (VaR)

Session 1 – Scene setting

10am	**Introduction & welcome** • Tech check! • Aim and objectives
Module 1	**GB wholesale energy market overview** • Market structure/ design and drivers • Market participants
Break	
Module 2	**Energy market risks and approach to risk management** • Wholesale market risks • Approach to risk management/ risk management cycle
11.45	**Q&A**
12.00	**What we will cover off in future sessions and close**

Session 2 – Operating in the wholesale market 1

10am	**Introduction & welcome** • Tech check! • Q&A from session 1
Module 3	**Key wholesale market risks – price and credit** • Sources of market price risk • Credit risk explained
Break	
Module 4	**Key wholesale market risks – price and credit** • Sources of market price risk

	• Credit risk explained Suppliers and generators – hedging and risks • Hedging concepts • How suppliers/ generators operate to manage risk
11.45	**Q&A**
12.00	**What we will cover off in future sessions and close**

Session 3 – Operating in the wholesale market 2

10am	**Introduction & welcome** • Tech check! • Q&A from session 1
Module 5	**Routes to market and trading strategies** • Realising value from generation • Trading strategies (case studies)
Break	
Module 6	**More on risk – political, regulatory, and systemic** • Overview of political and regulatory risk • Systemic risk explained
11.45	**Q&A**
12.00	**What we will cover off in future sessions and close**

Session 4 – Practical risk management

10am	**Introduction & welcome** • Tech check! • • Q&A from session 3
Module 7	**Measuring market price risk** • Quantifying market price risk – metrics • Overview of Value at Risk (VaR)
Break	
Module 8	**Case study/ exercise** • Interactive session The future – emerging trends, opportunities, and challenges • Future market structures/ consumer behaviour/ generation mix changes • High-impact, short-lived events
11.45	**Q&A**
	Close and next steps