

Subsidy free renewables - commercialisation

Day 1: Introduction and revenue landscape (1)

Time	Session
10.00	Introduction & welcome <ul style="list-style-type: none"> ○ Aim and Objectives
10:15	The scale of the challenge <ul style="list-style-type: none"> • Requirement for new generation to 2050 in a net zero world • What is subsidy free? • Technology costs – LCOE trends • Barriers to development: <ul style="list-style-type: none"> ○ Scale of bankable buying power ○ Merchant risk ○ Rates of return assumptions
11:00	Break
11:10	Revenues landscape (1) – wholesale and networks <ul style="list-style-type: none"> • Wholesale electricity <ul style="list-style-type: none"> ○ Volatility, cannibalisation and accessing markets • Network charges <ul style="list-style-type: none"> ○ Connecting at the transmission network vs distribution network ○ Embedded benefits – predictability, certainty, access • Green certificates - Regos
12:00	Q&A and what we will cover in day 2 and 3

Day 2: Revenue landscape (2) and business models

Time	Session
10.00	Introduction and recap
10.10	Revenue landscape (2) – flexibility revenues <ul style="list-style-type: none"> • Balancing <ul style="list-style-type: none"> ○ System imbalance prices, Balancing Mechanism, balancing services, DNO services • Capacity market <ul style="list-style-type: none"> ○ Value, access, and de-rating
10.45	Break
10.55	Subsidy free business models and routes to market <ul style="list-style-type: none"> • Status of ‘subsidy-free’ developments in GB • Innovations <ul style="list-style-type: none"> ○ VPPs

Time	Session
	<ul style="list-style-type: none"> ○ Corporate PPA's/ utility PPAs ○ Private wire ○ Co-location (storage, generation and demand)
12.00	Q&A and what we will cover in day 3

Day 3: Business models options and future market

Time	Session
10.00	Introduction and recap
	<p>Subsidy free business models exercise</p> <ul style="list-style-type: none"> • Attendees will assess case study subsidy free developments and determine the most applicable business models to them
10.10	<ul style="list-style-type: none"> • What the real world looks like? <ul style="list-style-type: none"> ○ How are these case studies performing in real life? Examples from the market and Cornwall Insight research
11.00	Break
	<p>Future Directions</p> <ul style="list-style-type: none"> • Future power prices and cannibalisation
11.10	<ul style="list-style-type: none"> • Market reforms – network charging reviews, Project TERRE and the move to DSOs • Potential policy directions
12.15	Q&A and course close