edenseven

Case Study
H2 Green

Energy Sourcing Review and Supplier Engagement

Overview

H2 Green are a large-scale hydrogen storage business with a focus on sites close to towns and cities across the UK.

H2 Green's ambition is to build hydrogen hubs that deliver large amounts of hydrogen, providing security of supply for multiple users across whole regions.

H2 Green engaged edenseven to build an electricity supply strategy to meet their growth aspirations and environmental requirements.

The Request

- To provide a clear outline of the contracting structures within the UK electricity market which would support the green credentials of the business. Structures needed to range from REGO back supply contracts to more complex long-term renewables agreements
- All contracting requirements needed to meet the 'Renewables Transport Fuel Obligations' and 'Low Carbon Hydrogen Standard'
- Investigate the commercial opportunities for short-term flexibility of assets and liaise with the supply commodity on product development
- Support in consultations to government departments relating to the proposed price support mechanism

Skills & Knowledge

- An energy expert with a detailed knowledge of the UK energy market, with a specific understanding of the evolving policy landscape and how green hydrogen fits into the government's forward plans
- An insight into global commodity markets and the various contracting structures currently in place across the supply community
- A clear understanding of how assets can be utilised in the short-term trading markets and the value of 'optionality'
- An individual who holds key relationships across the supply community to enable product development and the ability to influence existing standardised offerings

Outcomes

- The delivery of a clear and concise view of all the contracting structures currently being provided with the UK electricity market; this included both physical and financial products
- A well-considered submission to the relevant government bodies in response to a published consultation. This outlined the appropriate pricing and support structure needed to accelerate the Green Hydrogen Industry
- The creation of a strong link to key suppliers and investors within the energy market. Promoting the development of Green Hydrogen and the benefits it can bring to global decarbonisation