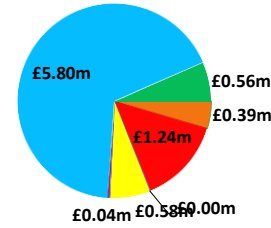
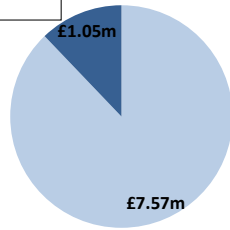


Date: **Monday 13 Jan 2020**

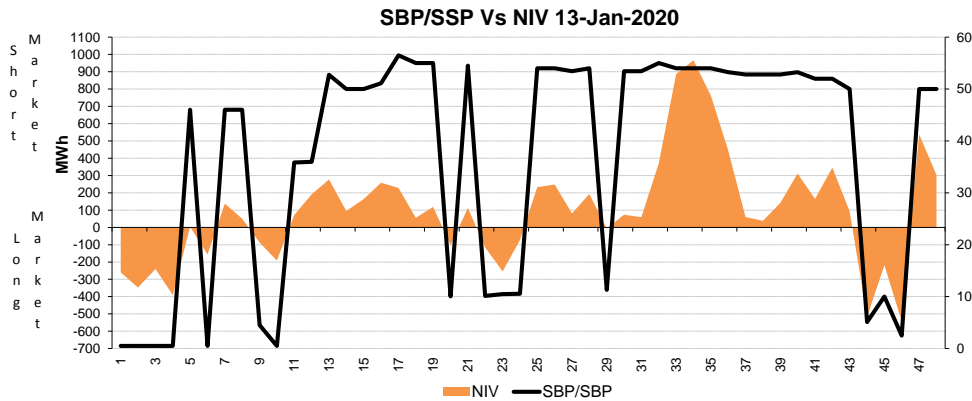
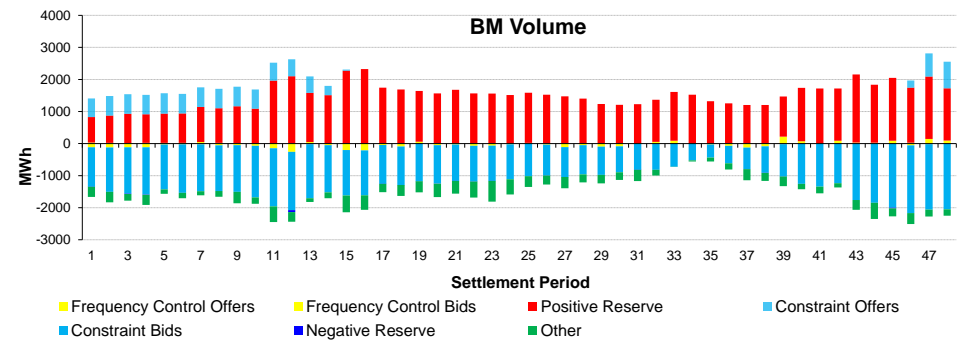
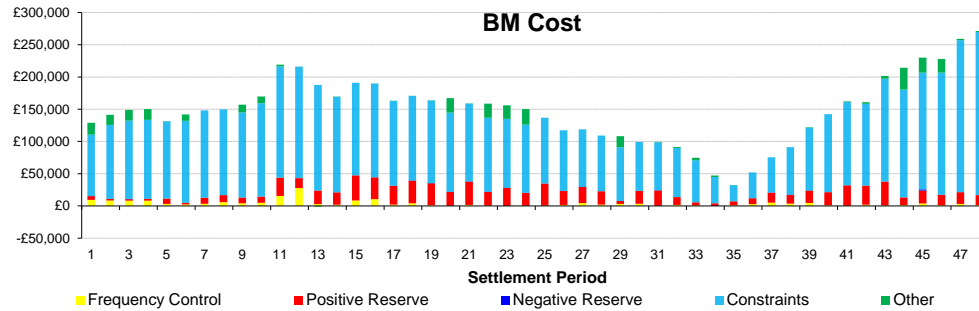
BSUoS Charge Estimate: £5.52/MWh
Total Outturn: £8.61m

Daily Balancing Costs

- BM Cost (Indicative)
- AS Cost (Estimate)



- Energy Imbalance
- Positive Reserve (Op Res + STOR)
- Negative Reserve (Footroom)
- Frequency Control (Response + Fast Reserve)
- Other Reserve (Ancillary Costs Only)
- Constraints (BM & Trades only)
- Other (Reactive + Black Start + BM & AS General)



Western Link status: Unavailable

Commentary

The market was short for most of the day, peaking at over 1800MW short in the afternoon. Additional dynamic response was required between early morning and late evening due to plant uncertainty. Over the morning peak and the late evening, multiple trades on the interconnectors were undertaken for frequency response and positive margin. Sustained high wind levels across the country were characterizing the day, with wind generation in excess of 10GW. Consequently, power flow restrictions in Scotland and on the England -Scotland boundary were in place, requiring a very large volume of BM actions throughout the 24 hours to buy off wind generation in order to solve the constraints. This scenario was exacerbated by the Western Link interconnector unavailability. Overnight voltage levels in England were managed with a mix of trades and BM actions and RoCoF risk was mitigated with trades on interconnectors and BM actions.