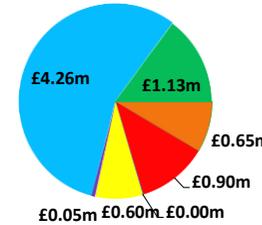
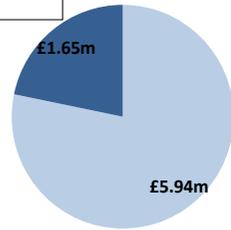


Date: **Tuesday 10 Dec 2019**

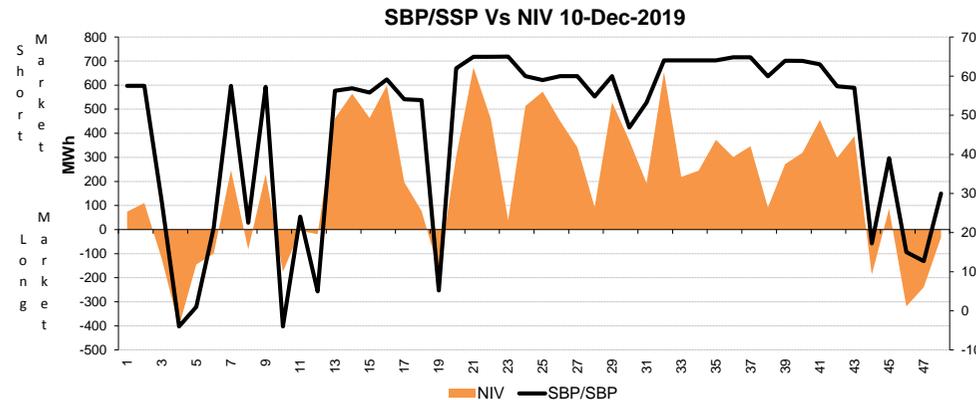
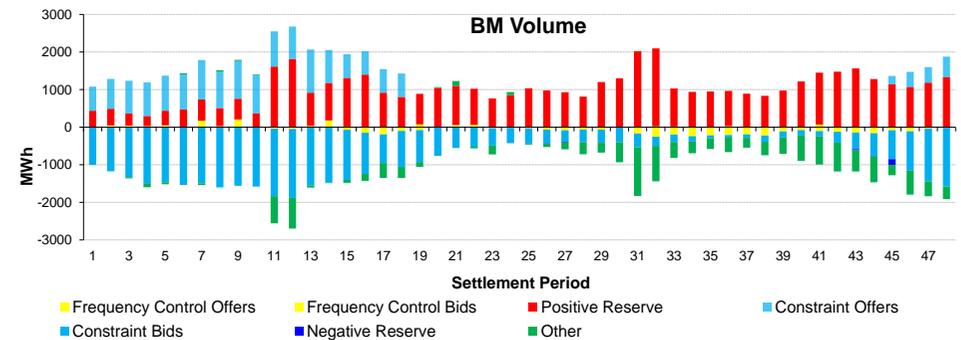
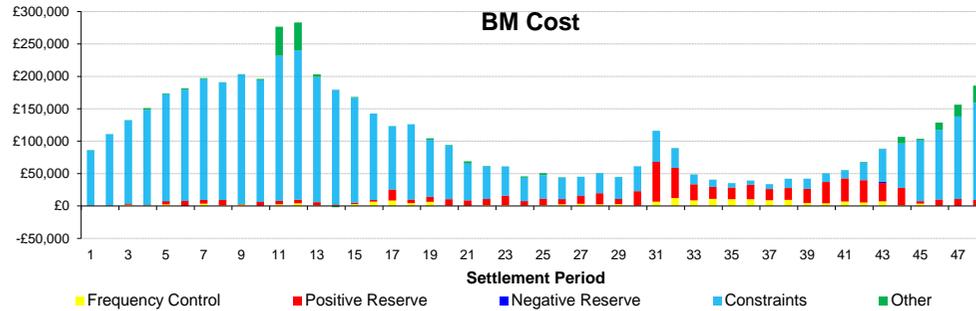
BSUoS Charge Estimate: £4.69/MWh
Total Outturn: £7.59m

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)



Commentary

The market was short in excess of 1200MW for most of the day. Multiple trades on the interconnectors were undertaken for positive margin and frequency response over the morning pick-up, in the afternoon and in the late evening. Sustained high wind level throughout the 24 hours was challenging the system operations as it was causing power flow restrictions in North of Scotland, and on the Scotland-England boundary. This required a very high volume of BM actions during the day which were also supported by trades on generating units. Additionally, planned outages were triggering further constraints in the south east of England, which required large volume of trades on the interconnectors. Overnight, BM actions and trades on the interconnectors were required to manage the voltage levels in England and to mitigate the RoCoF risk.

Western Link status: Available