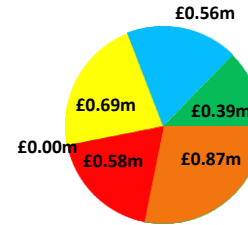
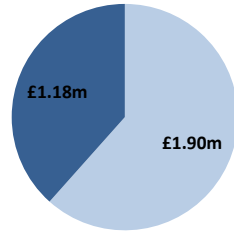


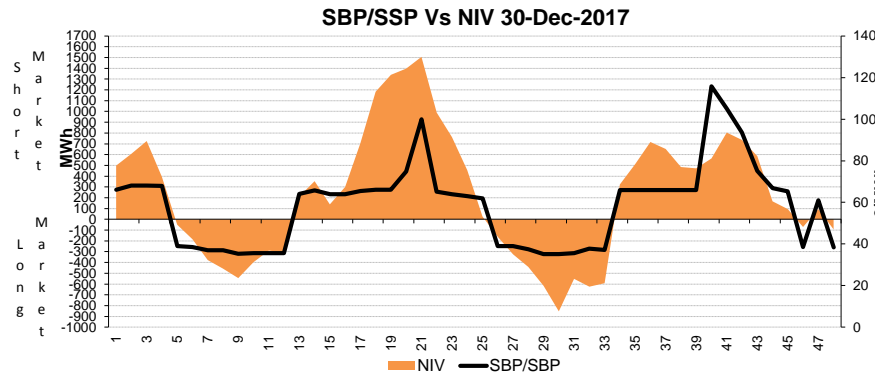
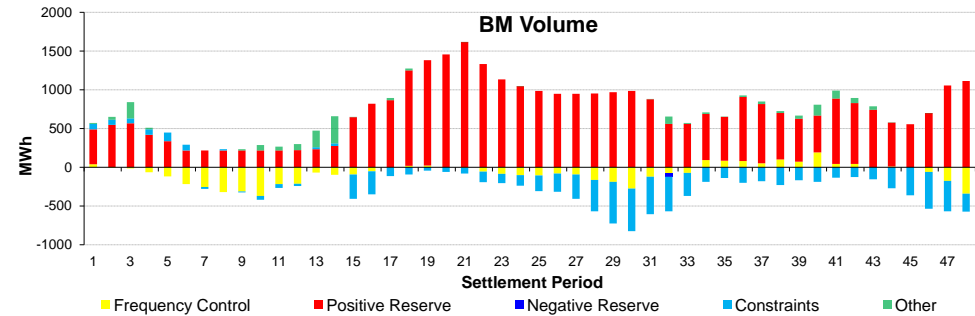
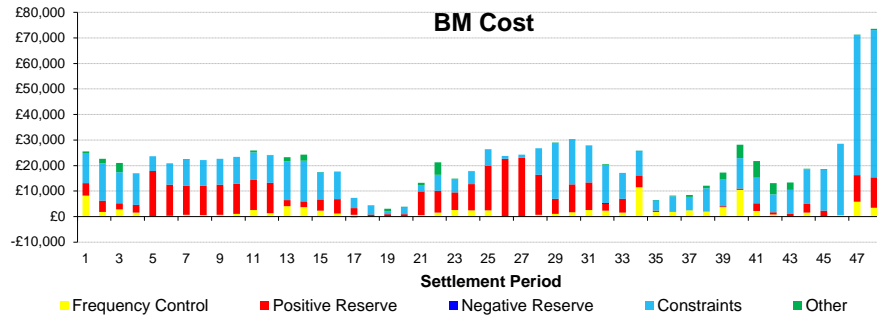
Daily Balancing Costs

BSUoS Charge Estimate: £2.38/MWh
Total Outturn: £3.08m

■ BM Cost (Indicative)
■ AS Cost (Estimate)



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



Commentary

Throughout the morning, numerous units were kept on and others bought on due to economic energy prices; around 700MW of STOR was also utilised. Additional margin was required on conventional generation following the Western HVDC fault during the darkness peak. Demand and Wind volatility caused the frequency to exceed 50.2Hz just after 23:00.

Early morning, trades resolved ROCOF and Voltage issues through to 7am. BM actions resolved further ROCOF issues on conventional generation throughout the whole day. A fault on the Western HVDC caused constraint problems across the Scotland-England border during the evening until late; BM actions were used to solve with trades enacted later. Western HVDC returned to service prior to end of the day, however trades had been enacted into the 31st Dec as risk management.