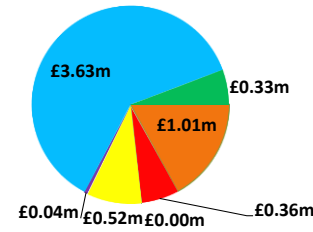
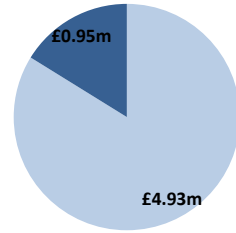


Date: 22/09/2018

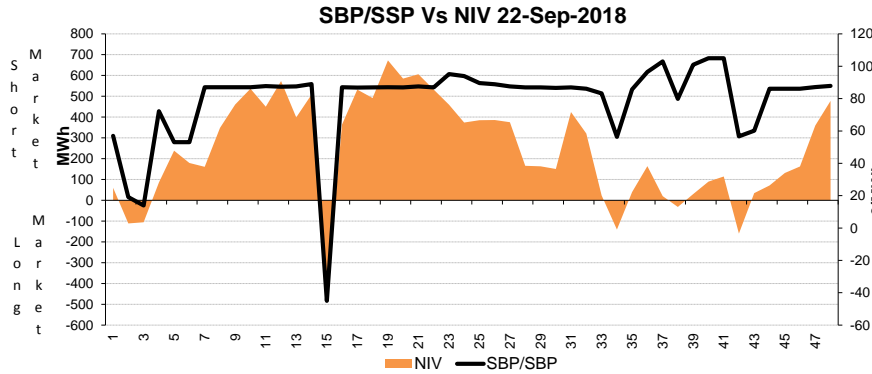
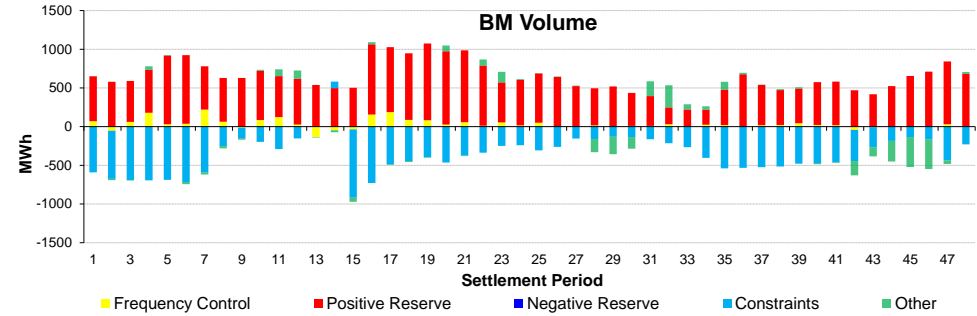
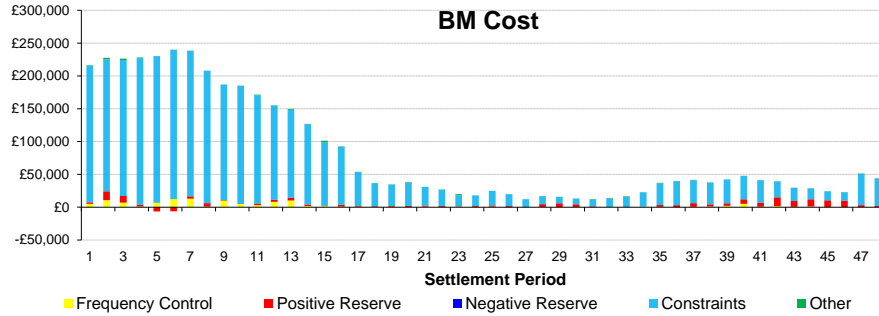
BSUoS Charge Estimate: £4.77/MWh  
Total Outturn: £5.89m

# 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

It was a day characterized by short market. Overnight trades on the Interconnectors were taken for frequency response. Demand outturn was higher than forecast for most of the day requiring additional volumes of STOR to run. In the morning, when the market was short in excess of 1200MW, up to 700MW of STOR were deployed. Up to 150MW of STOR were deployed again in the late evening for the same reason. Multiple trades on the interconnectors and on generating units were taken throughout the 24 hours to manage RoCoF. A large volume of BM actions were taken on wind generation between midnight and the morning to solve power flow restrictions in the North of Scotland and between England and Scotland, due to planned outages and sustained high wind levels. Over the same timeframe, trades on generating units were taken to manage the voltage levels in many areas of England.

**Note: A new category - Other Reserve - has been more clearly defined. Costs in this category used to be mapped to either Positive Reserve or Fast Reserve. These costs include BM Startup, Fast Start and some Hydro services. These changes have been made to align with the new Monthly Balancing Services Summary report.**