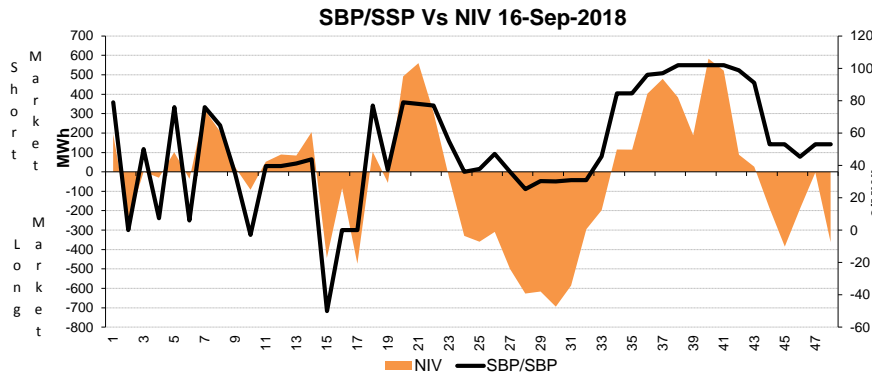
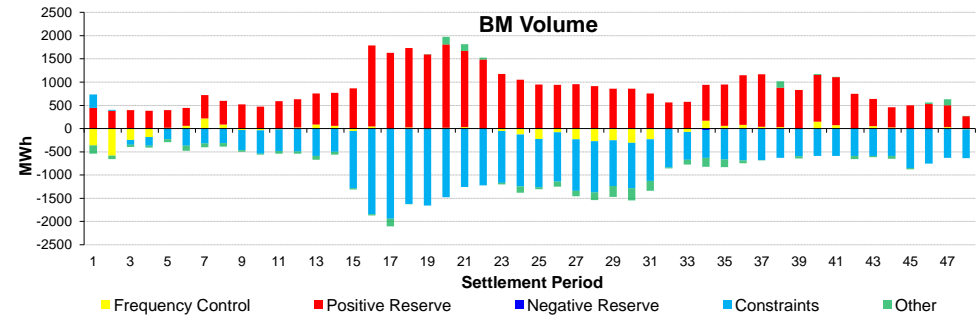
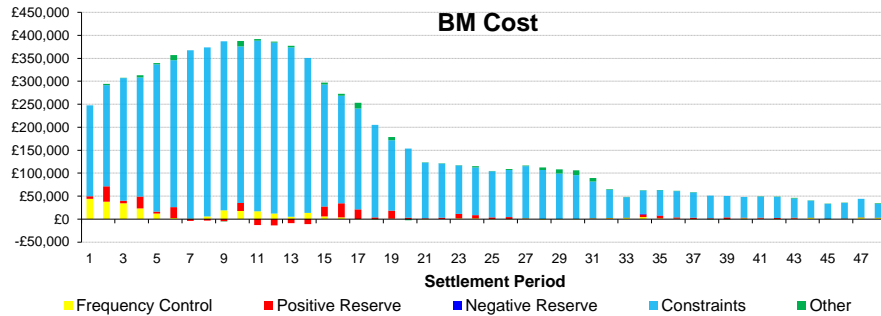
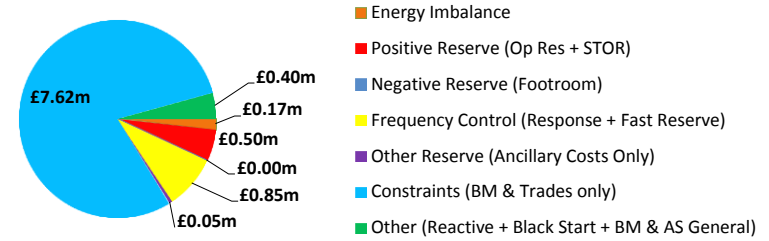
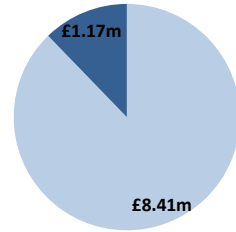


Date: 16/09/2018

BSUoS Charge Estimate: £8.62/MWh  
Total Outturn: £9.59m

# Daily Balancing Costs

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



## Commentary

Additional response was required through much of the day due to wind and frequency volatility. The SpinGen service was also utilised to cover response and ROCOF for a large part of the day. Negative cash-out was due to negative priced units for negative reserve and response services.

Overnight, system conditions were challenging due to outages taken to maximise system access in conjunction with the HVDC outage. This required significant volumes of wind, hydro and conventional generation to be bid down in the BM, and additional trades with non-BM units were also used. ROCOF issues were greater than usual due to low demands, therefore in addition to the interconnector trades, numerous units were bought on in the BM to increase the amount of system inertia. Voltage requirements were also not met by the market, so five units were bought on in the BM, in addition to trades, for the South East, Midlands, North West, North East and South Wales. Thermal constraints continued through the day but as the wind output reduced, so did the requirement for BM actions.

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.