

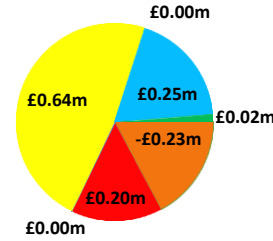
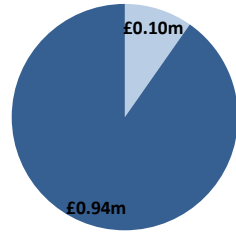
# Daily Balancing Costs

Date:

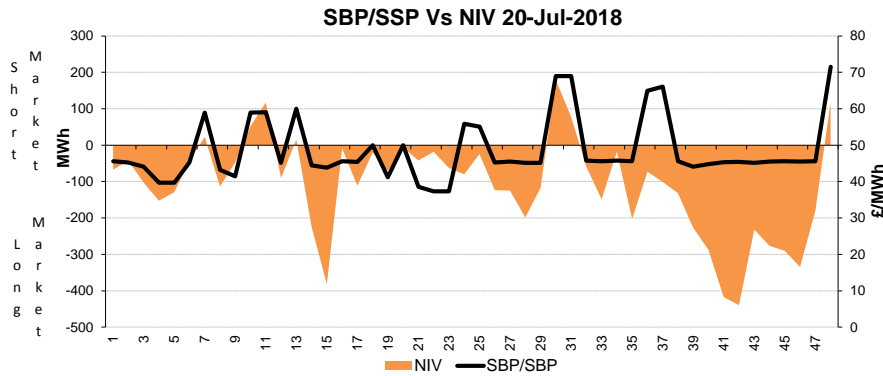
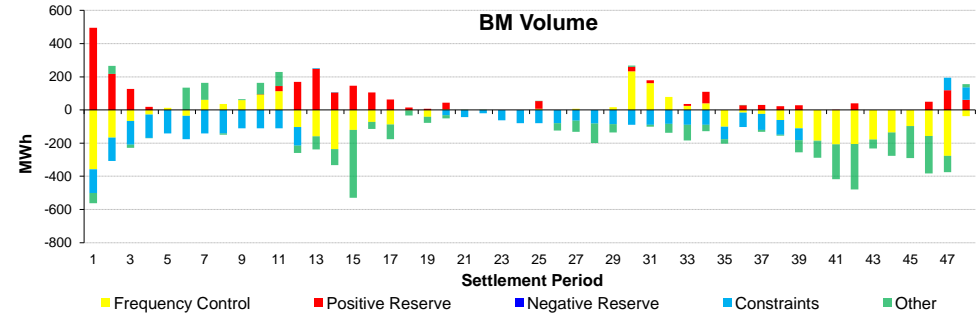
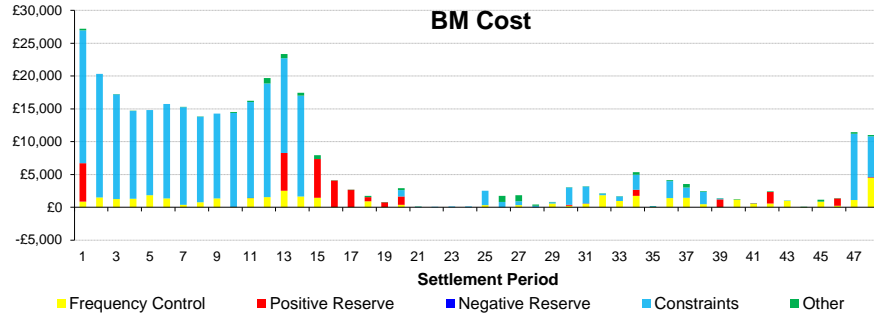
20/07/2018

BSUoS Charge Estimate: £1.21/MWh  
Total Outturn: £1.04m

■ 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

During the morning a number of units either tripped or failed to synchronise with a combined volume of ~1300MW. Around 300MW of STOR was utilised to help alongside instructing the SpinGen service. Approx 190MW of STOR was utilised in the afternoon to replace generator bids for constraints in the South East. The SpinGen service was instructed again through the late evening. Around 320MW of STOR was utilised due to being in merit prior to midnight. Continuing outages in the South East required bids on BM units for most of the day for constraints. Trades were used to solve ROCOF and Voltage issues on interconnectors and BM units in the North West. The SpinPump service was utilised prior to midnight for additional voltage support in the North West.

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.