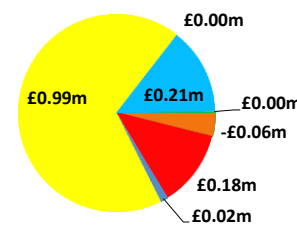
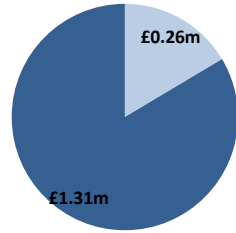


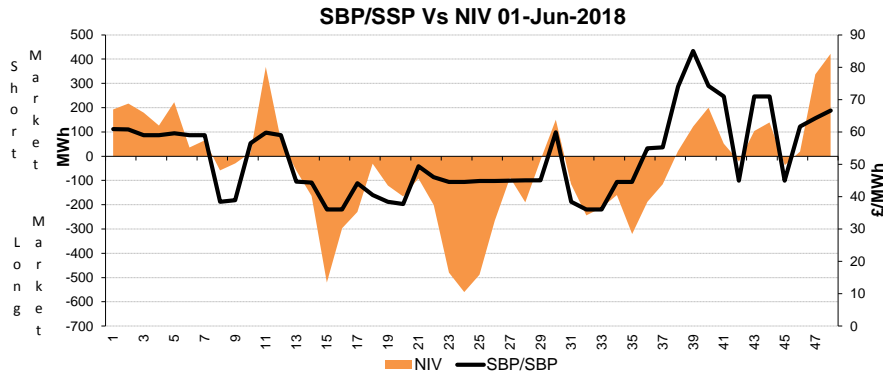
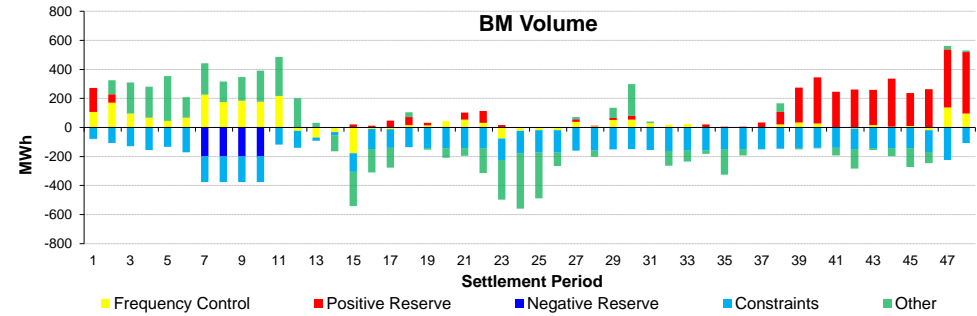
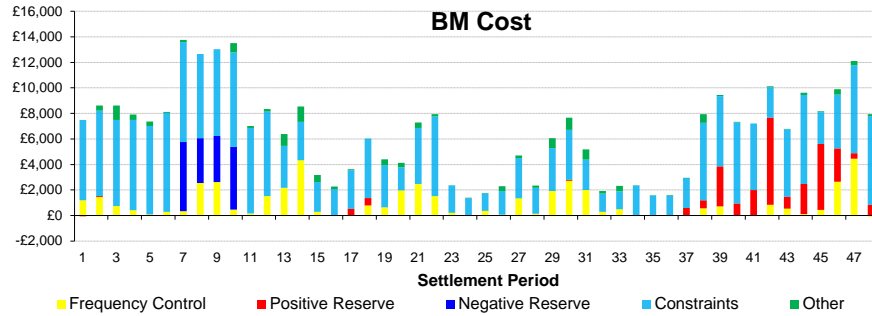
Daily Balancing Costs

BSUoS Charge Estimate: £1.56/MWh
Total Outturn: £1.56m

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

470MW of STOR was run at 0930hrs due to constraint in Wales. An interconnector bi-pole trip caused the loss of 1000MW, resulting in the frequency falling to 49.67Hz at 10:03hrs, automatic response action was apparent. The frequency returned to operational limits within 1 minute of the event. Interconnector bi-pole returned to service at 10:50hrs.

Trades were carried out on the Interconnectors in the morning and again just before midnight for ROCOF. A Small number of Trades and BM actions were required for Voltage control in England. BM actions were taken throughout the day to manage constraint in Wales.

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.