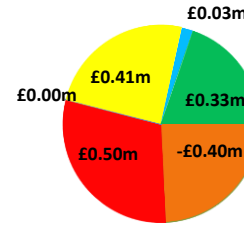
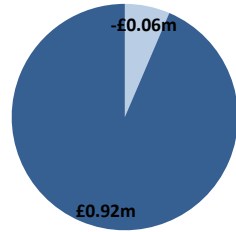


Daily Balancing Costs

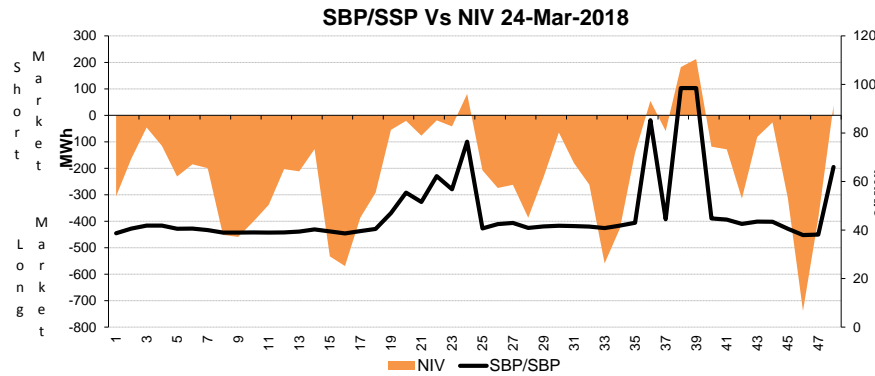
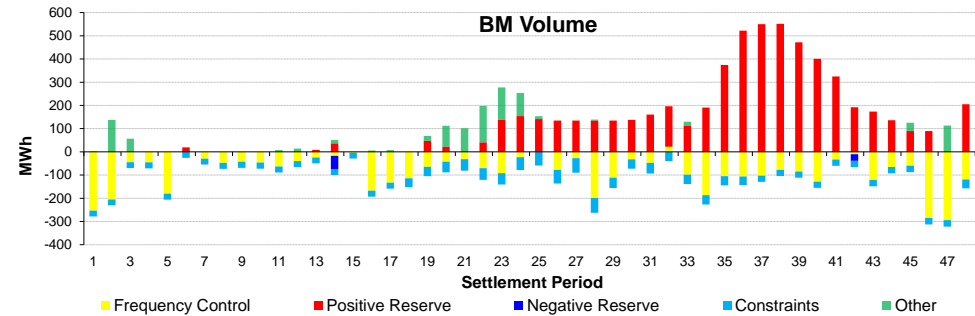
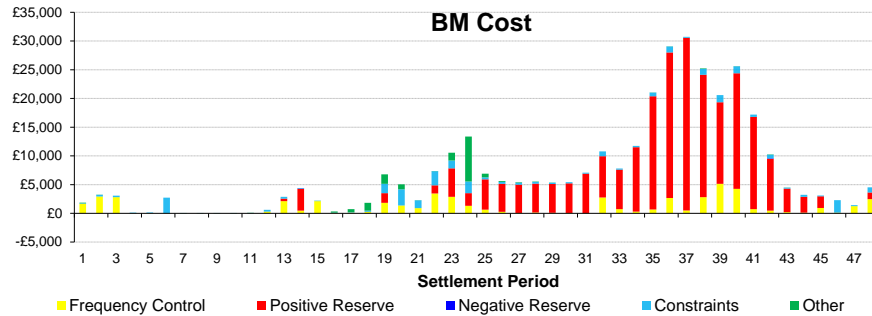
Date: 24/03/2018

BSUoS Charge Estimate: £0.88/MWh
Total Outturn: £0.86m

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

The market was long throughout the day. The margin was healthy although wind output was reduced to around 1300 MW. The PV output was 700 MW higher than forecast at midday. There was a 250 MW demand suppression for the Cambridge/Oxford boat race with a 1600 MW demand over forecast for the darkness peak. 500 MW of STOR were run for the morning pick up due to a demand forecast error. Some network restrictions were in place in Wales following a planned outage, and these were solved with BM actions. Overnight ROCOF limit was above 1000MW, which meant the system had sufficient inertia to cover for any potential fault on the interconnectors, and no related trading action had to be taken. In addition, no trading or intervention in the Balancing Mechanism was required for constraints and voltage requirements, since these were met by the market.