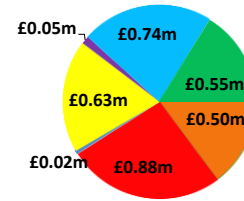
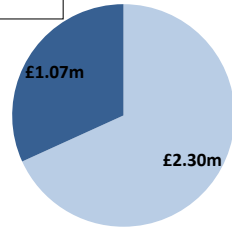


Date: Friday 22 Nov 2019

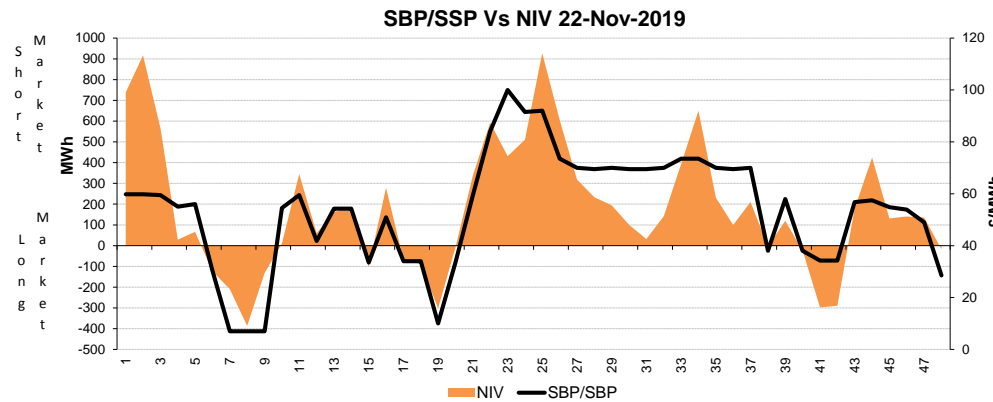
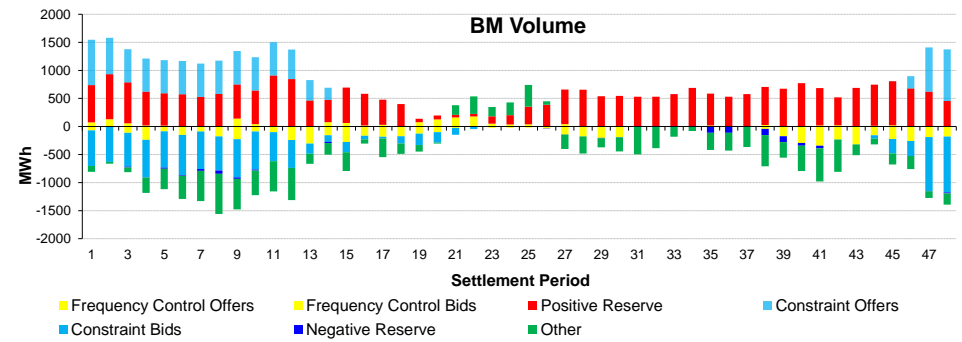
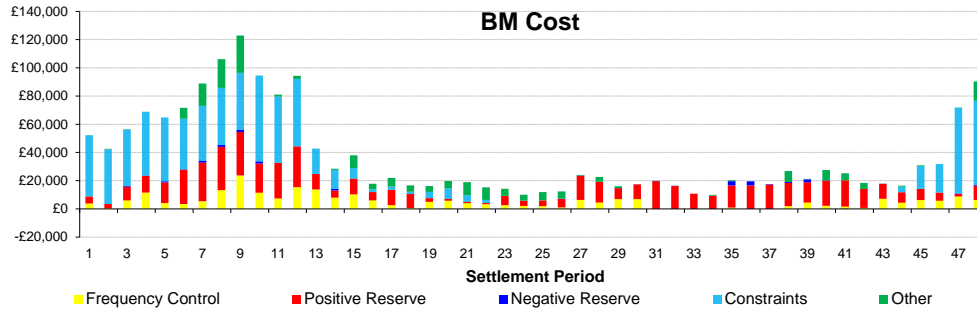
BSUoS Charge Estimate: £2.21/MWh
Total Outturn: £3.37m

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

The market was mostly short, especially from 9.30am onwards for the remainder of the day. Around 440MW of STOR was run in total between 9am and 2.30pm to cover shortfall of wind and generation over the morning peak, and around 160MW STOR was run again between 4.30pm and 6pm over the darkness peak. BM Actions in the morning were required to ease thermal export constraints in the East coast. Overnight RoCoF requirements meant Interconnector and BMU Trades were required, complemented with BM Actions supporting System Inertia. Overnight Voltage Control in the South/South East, Midlands, and North Wales areas assisted with Trades and BM Actions.

Western Link status: Available