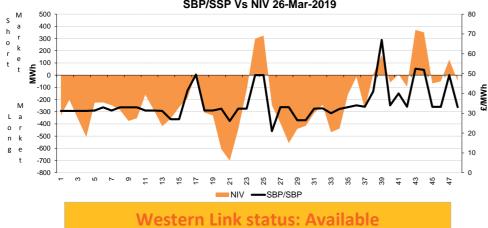


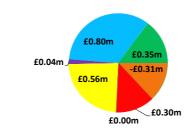
Positive Reserve

Frequency Control

#### £10,000 £0 -£10,000 37 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 39 41 43 45 47 Settlement Period



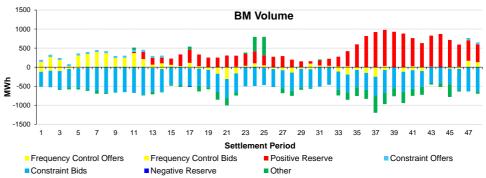
## **Daily Balancing Costs**



# nationalgridESO

#### 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

Market was long through the overnights and for most of the day. 160MW of STOR was taken over the morning pick up. A number of units were required over the darkness peak for positive reserve.

Overnight ROCOF levels were managed via trades on the interconnectors and BM units. Trades were also used to manage Voltage levels in the North West. BM actions were required to solve power flow restrictions in Scotland and South Wales due to planned outages.

#### SBP/SSP Vs NIV 26-Mar-2019

Negative Reserve

Constraints

Other