

BSUoS Charge Estimate: £1.41/MWh

Positive Reserve

ŝ

2

6

5 NIV

£35,000

Frequency Control

800 700 Μ

600 а

500

0

-100

-200 М

-300 La -400

e

10

-

S

h

0

r

r 400

k M³⁰⁰ M²⁰⁰ M¹⁰⁰

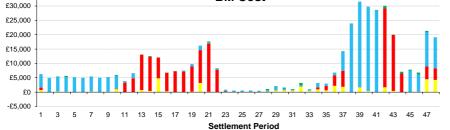
e t t

o r -500

n k -600

g e -700 -800

t



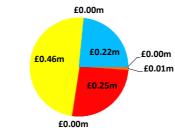
Negative Reserve

23 25 27 29 31

-SBP/SBF

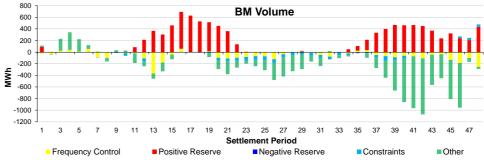
33 35 37 39 4

SBP/SSP Vs NIV 15-May-2018



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

Other

120

100

80

60 WM/3

40

20

0

43 45

Constraints

403MW of STOR was run from 07.13hrs due to demand uncertainty all STOR was shutdown by 10 35hrs. 550MW of High Response was also held in the morning due to Demand uncertainty. Trades were carried out on the Interconnectors in the early morning and again just before midnight for ROCOF. Trades were also carried out for Voltage Control in the Midlands Area. BM actions were required to manage voltage in Scotland in the early hours and again just before midnight. A small number of BM actions on wind generation were taken in the afternoon to solve power flow restrictions on the network boundary between England and Scotland. BM actions were required for a local 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.