System Cost Update

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Constraint

All actions System tagged (except RoCoF)

Energy

All Balancing actions in addition to System

Other

Reactive dispatch

RoCoF

Unassigned Costs e.g. Trading fees, Black Start availability
February 2016

Constraints

Energy

RoCoF

Others

Constraint

£57.6m

£27.6

£20.0

£8.7

£1.3
March 2016

- **Energy**: £30.6m
- **Constraint**: £9.2m
- **Others**: £9.5m
- **RoCoF**: £1.5m

**Total**: £50.8m

**Constraints**

- **Oct-2015**: 10
- **Nov-2015**: 40
- **Dec-2015**: 60
- **Jan-2016**: 30
- **Feb-2016**: 20
- **Mar-2016**: 5

**Energy**

- **Oct-2015**: 35
- **Nov-2015**: 45
- **Dec-2015**: 30
- **Jan-2016**: 30
- **Feb-2016**: 20
- **Mar-2016**: 30

**RoCoF**

- **Oct-2015**: 2
- **Nov-2015**: 2
- **Dec-2015**: 3
- **Jan-2016**: 2
- **Feb-2016**: 1
- **Mar-2016**: 2
Balancing Services Use of System (BSUoS) Forecasting
BSUoS 2015/16 outturn

Total BSUoS Costs:
- £1046 m
- £30m
  Since Feb '16

BSUoS Volume:
- 521.9 TWh
- 13.2 TWh
  Since Feb '16

Cost Per MWh:
- £2.00/MWh
- £0.01/MWh
  Since Feb '16
BSUoS 2016/17 forecast – as at April 2016

Total BSUoS costs

£1032 m

BSUoS volume

583.2 TWh

£1.77/MWh

£113m added for Black Start contracts

Risk of ~50TWh reduction based on 15/16 outturns

Combined impact +£0.38/MWh
Q&A

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