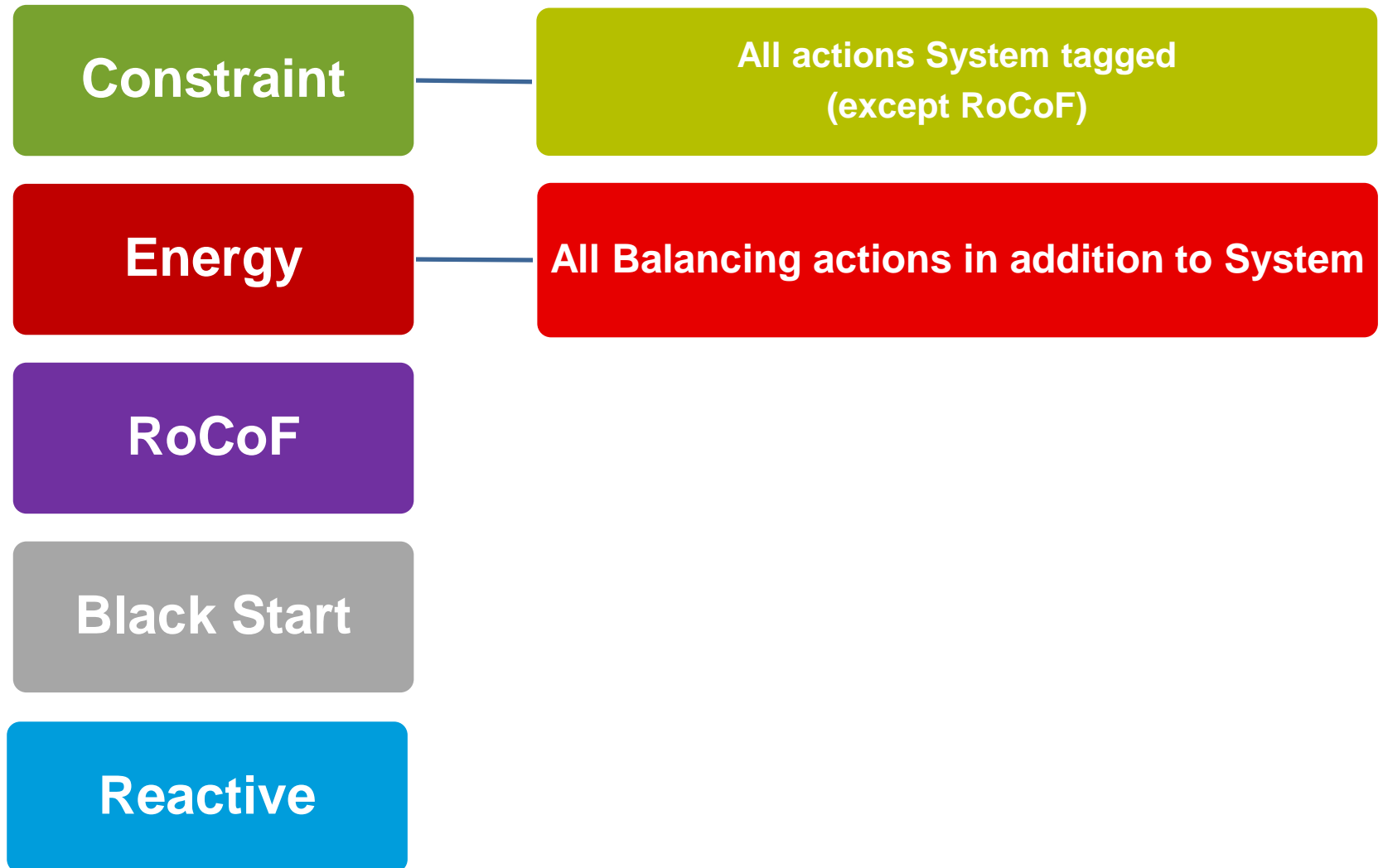


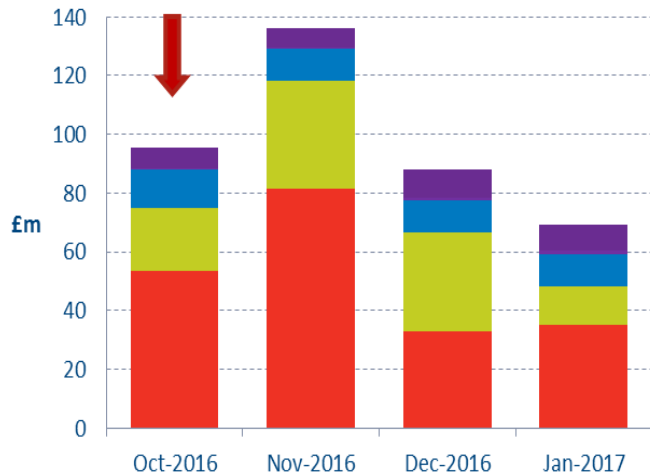
System cost update

Claire Spedding
Commercial Operations Manager

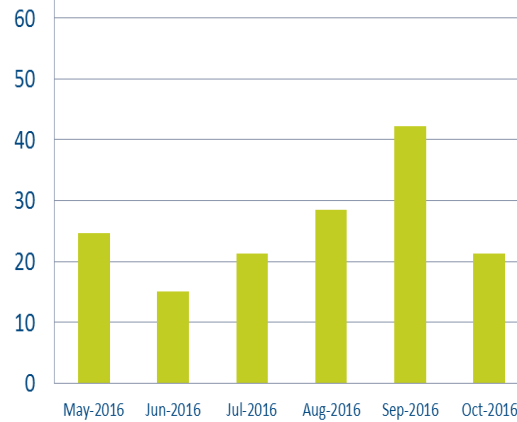
System cost categories



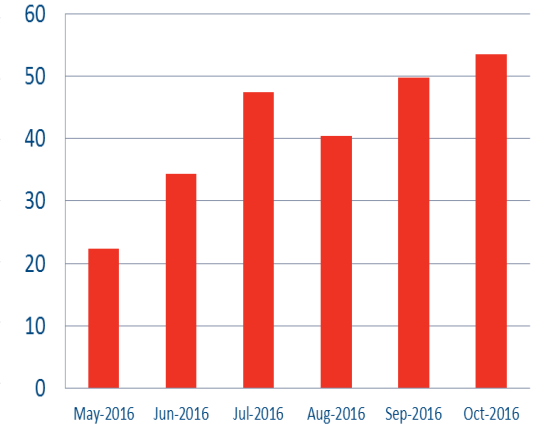
October 2016



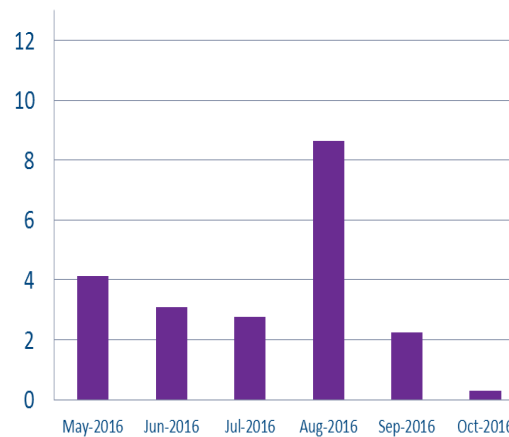
Constraints



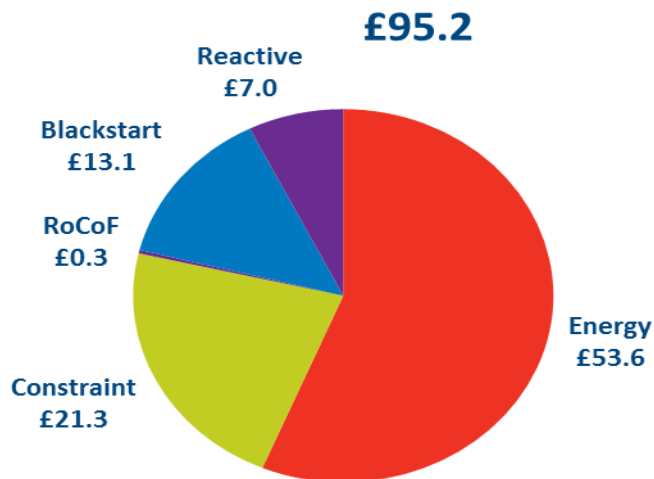
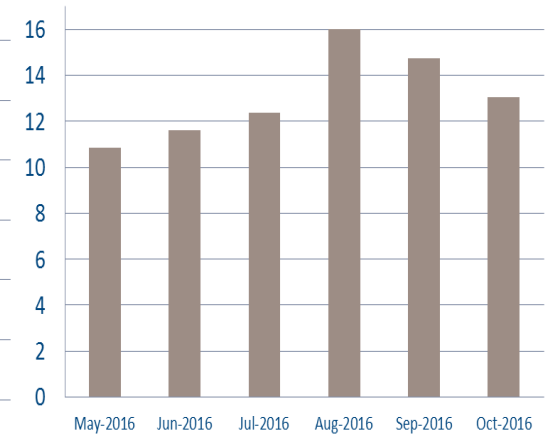
Energy



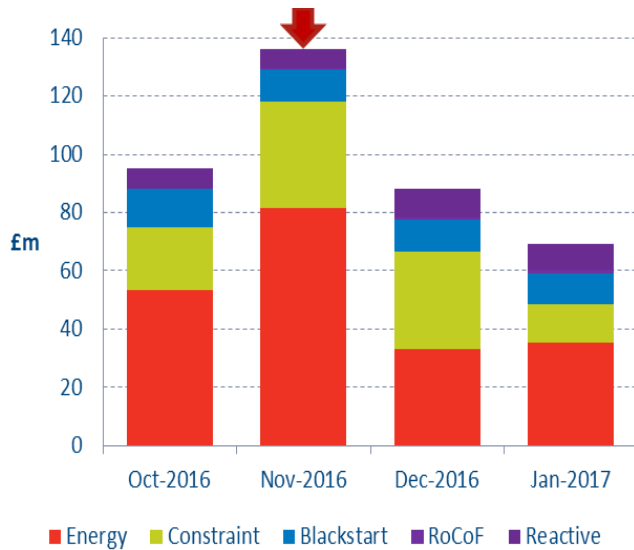
RoCoF



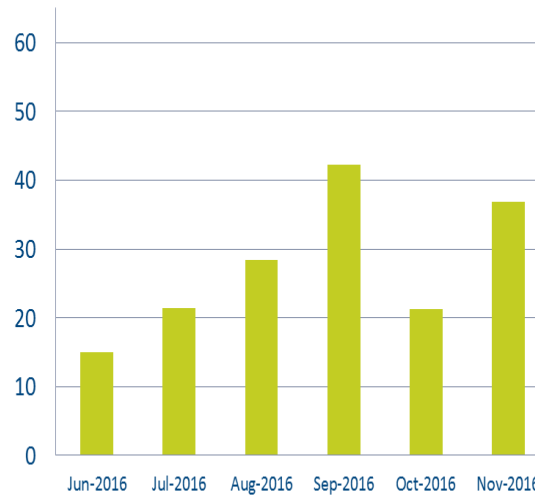
Blackstart



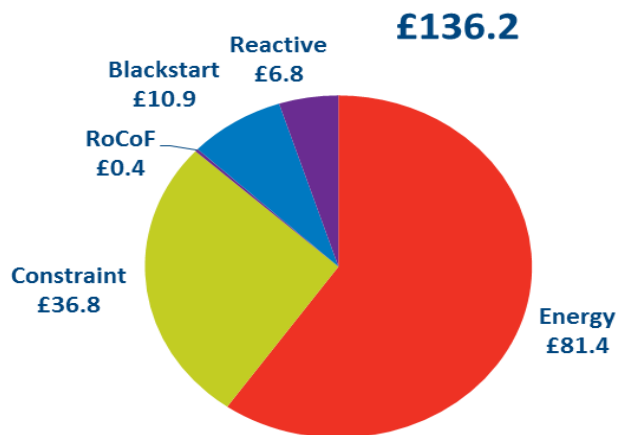
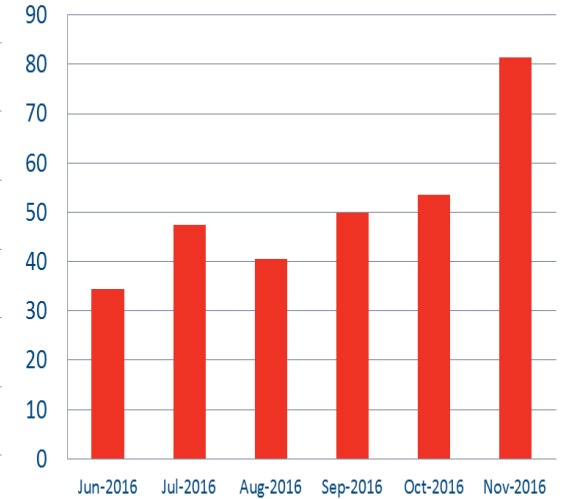
November 2016



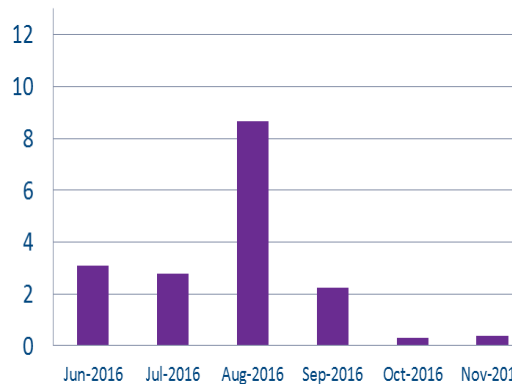
Constraints



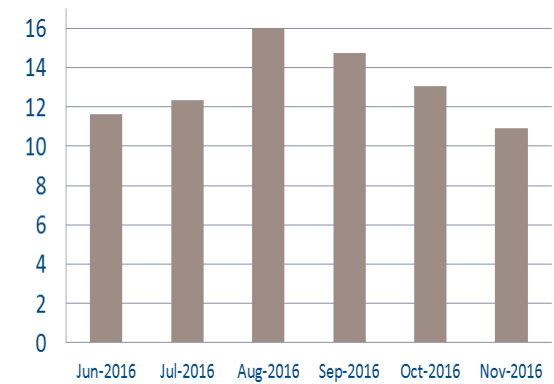
Energy



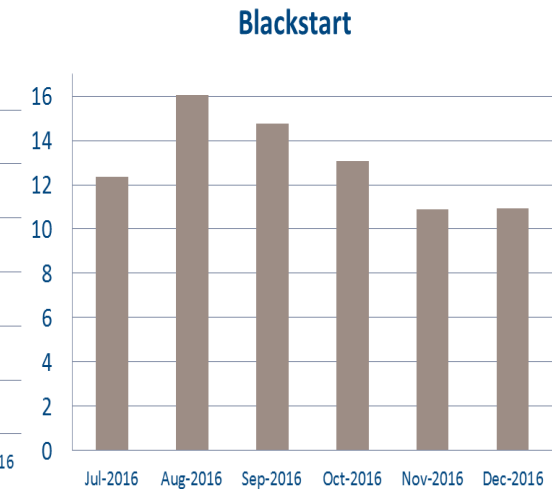
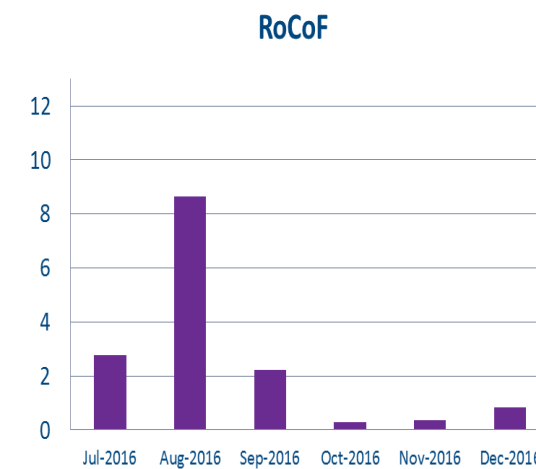
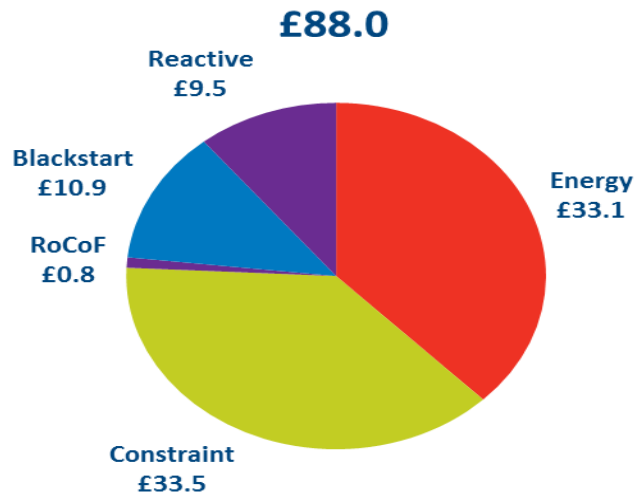
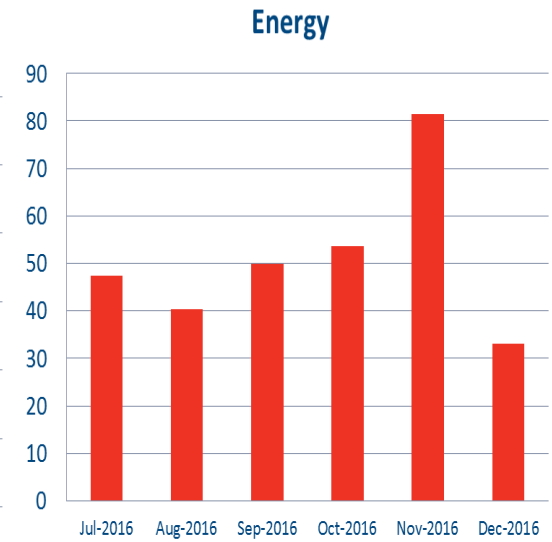
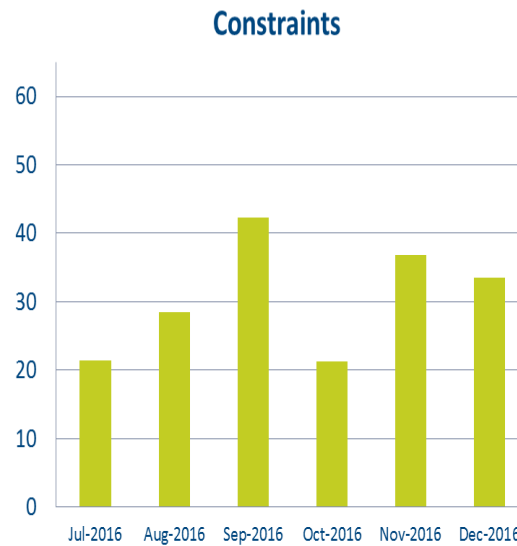
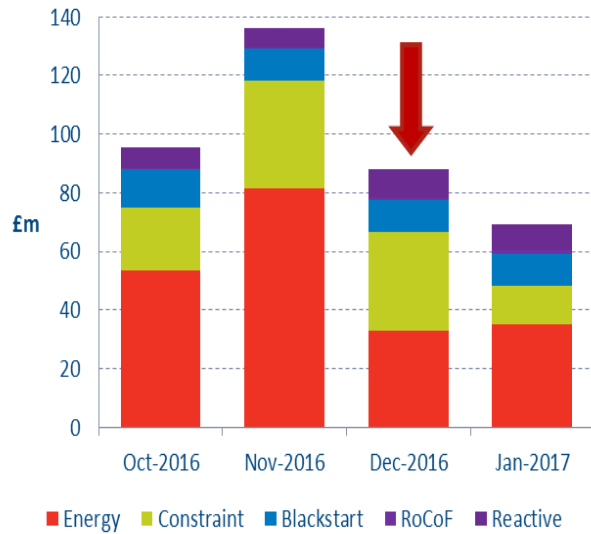
RoCoF



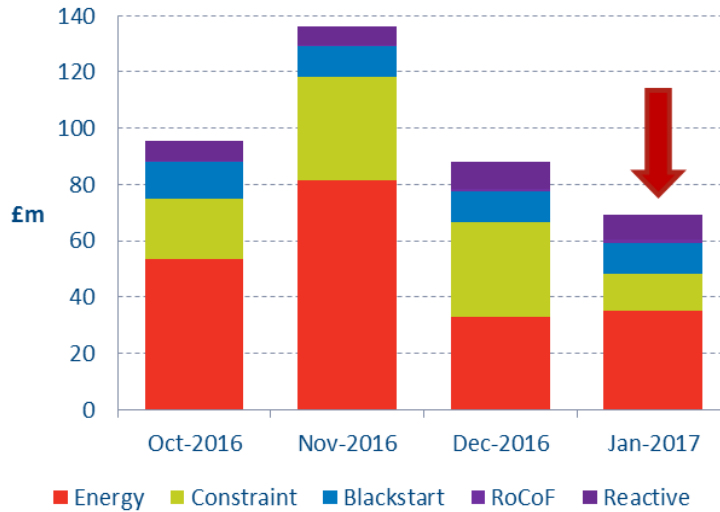
Blackstart



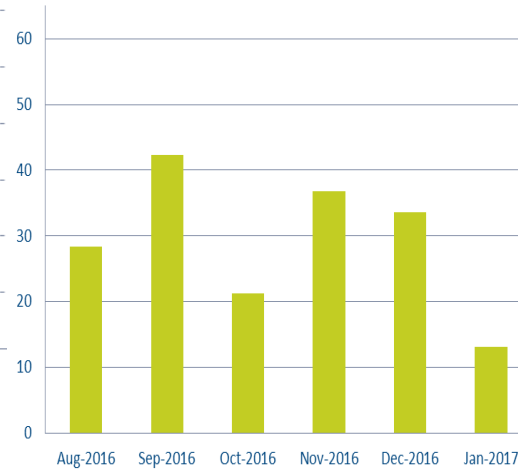
December 2016



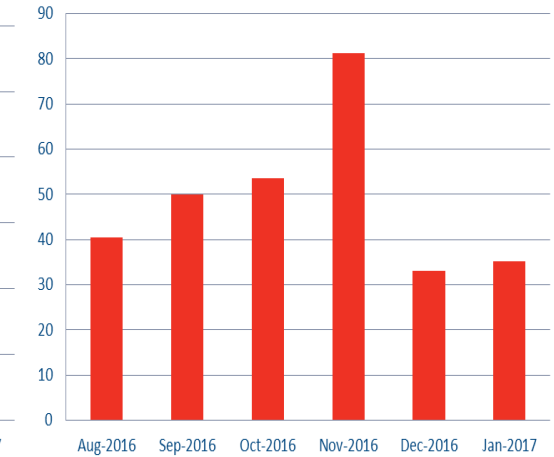
January 2017



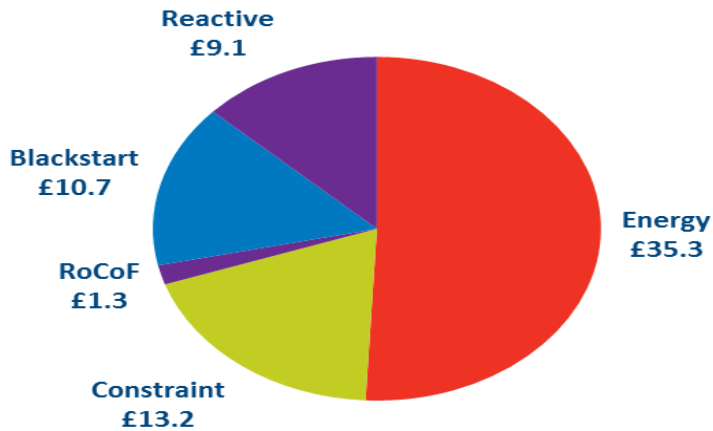
Constraints



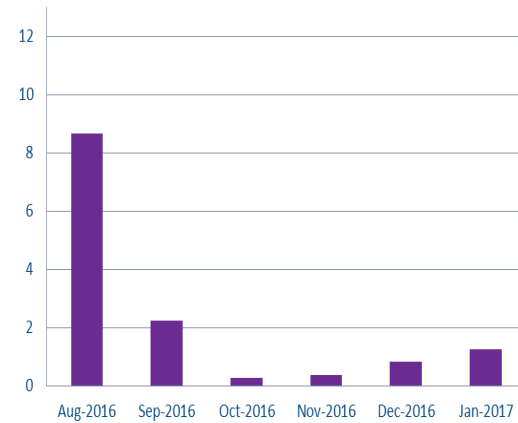
Energy



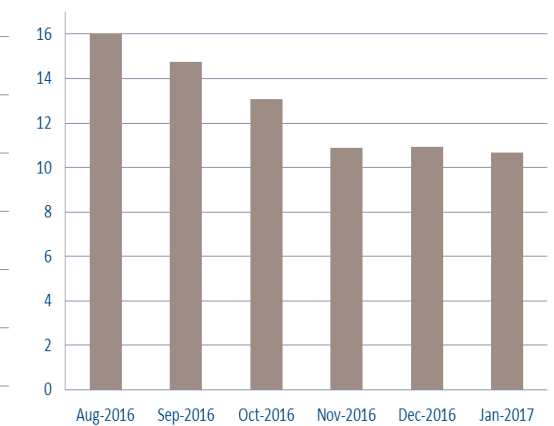
£69.4



RoCoF



Blackstart

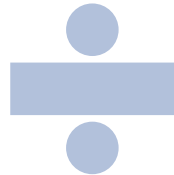


Balancing Services Use of System (BSUoS) forecasting

BSUoS 2016/17 forecast as at March 2017

**Total BSUoS
Costs**

£1308.5m



**BSUoS
Volume**

**538.0
TWh**



**£2.43/
MWh**

**£113m added following
Black Start IAE
approval**

+

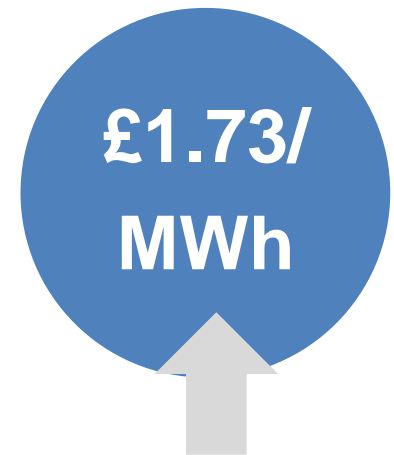
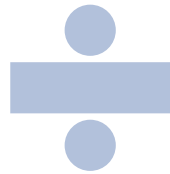
**£114m added for SBR
and DSBR availability**

**£1081.5m[†]balancing
and internal costs**

BSUoS 17/18 forecast – as at March 2017

**Total BSUoS
Costs**

**BSUoS
Volume**



No SBR and DSBR
+
£1016.5m balancing
and internal costs

Risk of ~50TWh
reduction based
on 16/17
outturns

Volume
reduction risk
+£0.16/MWh

