



Bringing Energy
Together

ADE Feedback - Priority Items for ESO Data Portal | 26 May 2020

Context

The ADE welcomes the chance to engage further with National Grid ESO on industry priorities for inclusion on the Data Portal. The Portal, while not fully developed, is a very encouraging step forward – members particularly welcome the ability to pull data easily via APIs.

The list below comprises the priority data items that ADE members would like to see added to the Portal. The ADE recognises that the ESO will be unable to fulfil all the following requests simultaneously, so has ordered the data items in rough order of priority. We would welcome the chance to continue conversation with the ESO on any items that are unclear or difficult to deliver in the short to medium-term.

In addition to the items below, members also requested that the ESO standardise the time zone that reports are published in, preferably using UTC.

Priority Data Items

- Skip rate for dispatch of units providing balancing services in the Balancing Mechanism (i.e. percentage of times a unit is not dispatched, despite being in pure merit order). The methodology for calculating the skip rate should also be published and the ESO should be open to a process of refining this methodology in conjunction with industry if necessary.
- Details of all bilateral contracts held by the ESO on a service-by-service basis, including technical details of service procured, number of MWs bought, pricing, volumes, contract duration and identity of service provider. This should also identify occasions where a carbon-fuelled asset will be given a contract going beyond 2025. Any aspects that need to be anonymised should be done so in accordance with the Energy Data Taskforce guidance. This information is needed because the volumes produced of a product is one of the most fundamental pieces of market information; if not made clear, it gives the party receiving the bilateral contracts an undue competitive advantage over other providers. If flexibility providers do not have clear visibility of fundamental market requirements and which technologies provide them it will lead to inefficient investment choices and ultimately a greater cost to the consumer
- More specific and detailed flagging of the reasons BM actions were taken – these flags should be more detailed than simply 'system' or 'energy', instead identifying the specific reasons for actions taken. This would benefit competition by enabling providers to understand why they have sometimes been skipped while in merit order and to better understand system needs and how the market operates. As well as clarity and visibility of these flags, the ESO could organise a specific information session to discuss a particularly interesting day and how the

ESO managed key system requirements on the day. This analysis of specific days could act as an intermediate point on the way to full rollout of more granular breakdown of BM actions

- Carbon content of each aggregated unit delivering balancing services, measured separately in terms of availability and utilisation. Where the ESO does not have this data, they should include sufficiently detailed categorisation in contracts to allow them to derive it.
- Cost of BM actions taken per EFA block to purchase frequency response, reactive power and manage constraints
- MWh of fossil fuels dispatched, both via the BM and balancing services, in each half hourly settlement period
- Total amount of balancing services that ESO cannot publish in the MBSS for confidentiality reasons, in both £s and MWhs
- MWs (as opposed to MWhs) procured and contracted for each balancing service
- Number of activations and length of dispatch for each balancing service