

Response to ADE Priority Items for ESO Data Portal - 06 July 2020

Background

On 26 May 2020 the Association for Decentralised Energy (ADE) shared a list of priority data items that ADE members would like to see added to the Portal. This document can be found [here](#).

On 06 June 2020, the ESO provided a response, which we have decided to share to support transparency of our data publications.

We welcome any further suggestions or questions regarding future data items or portal functionality, please get in touch with us at box.OpenData.ESO@nationalgrideso.com

Data Items & Requests

Standardise the time zone that reports are published in, preferably using UTC

We are supporting our data publishers to update to/use UTC where possible and have recently updated several datasets to UTC. Additionally, we have also introduced a data dictionary for suitable datasets to support improved understanding of our published data, and we are currently working with data publishers to populate these. Please encourage your members to report any specific issues to box.OpenData.ESO@nationalgrideso.com and we will discuss potential changes with the appropriate team.

1. Skip rate for dispatch of units providing balancing services in the Balancing Mechanism & 3. More specific and detailed flagging

We intend to start publishing skip rate data and a supporting methodology under our Forward Plan deliverable "Data to support better understanding our dispatch decisions". Our plan is to publish this information by the end of Q4 20/21, but in advance of this, we will be engaging with industry about the format of the published data and methodology.

The skip rate publication (item 1) will provide details on the reasons actions were taken out of price merit, which will therefore support understanding system needs and how the market operates (item 3).

Prior to its postponement, we had started discussions internally about the inclusion of an interesting day (using skip rate data) at our next operational forum, we will continue to look for a suitable opportunity to do this as an intermediate step toward skip rate publication. We will provide an update on when we plan to do this in the next few weeks.

2. Details of all bilateral contracts held by the ESO

Subject to the outcome of Balancing and Settlements Code (BSC) Modification P399, we will begin publishing a transparent identifier of the units we trade with bilaterally, which should satisfy part of this request. Additionally, through our Forward Plan metric 2a we have committed to share information on competitively procured bilateral contracts at an aggregated level (to avoid breaching confidentiality) – details here (<https://www.nationalgrideso.com/document/166441/download> P58).

We are also planning to share further details on bilateral contracts as part of a balancing services dashboard, this is currently under development and could be published in the next few months (subject to legal review).

4. Carbon content of each aggregated unit delivering balancing services

Unfortunately, we don't currently have this data, and it would be a significant task to implement this to existing services retrospectively. In RIIO 2, our ambition is that data input and management for processes including procurement events and performance monitoring will move to a single market's platform. We will capture this as a potential requirement to be evaluated as part of the single market's platform project and other related projects.

5. Cost of BM actions taken per EFA block

We already publish a [daily costs file](#) containing a breakdown of costs per settlement period, which you could use to convert into EFA blocks. You could also do this directly using SQL via our API, for example, a query for the constraints spend for EFA block 2 on 01/04/2020 would be:

```
data.nationalgrideso.com/api/3/action/datstore_search_sql?sql=SELECT SUM("Constraints") from "7bcd8e25-c148-4cdb-b46f-394f88b92db5" WHERE "SETT_PERIOD" BETWEEN '7' AND '14' AND "SETT_DATE" = '2020-01-04T00:00:00'
```

API guidance is provided on dataset pages of the Data Portal ([example here](#)) and can be accessed using the API button:

Daily Balancing Costs 2020-2021

Download (csv)

API

On a settlement period basis, the total balancing cost (per MWh) is given

This uses the CKAN API which is well documented (links available via API button) and to supplement understanding of this, we are also working on a bespoke API guide which we will make available via the portal next month.

6. MWh of fossil fuels dispatched, both via the BM and balancing services

[Details of the BM generation mix are on BMRS](#) additions/changes to this dataset should be requested via Elexon, for balancing services see answer to item 4.

7. Total amount of balancing services that ESO cannot publish in the MBSS for confidentiality reasons

We are not aware of any balancing services that are excluded from the MBSS, if you have any specific observations around data not provided in the MBSS please provide details to box.OpenData.ESO@nationalgrideso.com

8. MWs (as opposed to MWhs) procured and contracted for each balancing service

This data is typically provided as part of the market information reports for the associated service ([example here](#)), if you have identified specific services where this has not been included, could you please provide

details to box.OpenData.ESO@nationalgrideso.com and we will follow up with the appropriate team to understand if it can be added to existing reports.

9. Number of activations and length of dispatch for each balancing service

Since 25 June 2020, we have been publishing real time dispatches and ceases for N-BM STOR [on our data portal](#). We have plans to widen the scope to potentially cover N-BM Fast Reserve in the next few months, as well as assessing what other data can be made available to the market.