Sandbox & Mock Auction Guidance for Balancing Reserve

# Objective of Sandbox & Mock Auctions

The mock auctions will support the go-live of the Balancing Reserve service in March 2024 and enable the associated changes to the procurement process for the Balancing Reserve service. This activity will facilitate the testing of NSIDE’s platform features and processes that are not easily tested otherwise, and it will build confidence in the readiness of the platform and market clearing algorithm. The exercise will assist market participants to become familiar with the use of the platform and offer them the opportunity to practice their internal processes for order preparation, file formatting, and data submission and retrieval. The mock auctions will educate all stakeholders on the practical application of the market design and help to build transparency of market clearing outcomes.

Timescales

The mock auctions will be taking place between 12th and 23rd February 2024. We will update participants with exact timings closer to the time.

# Onboarding for Sandbox & Mock Auction

**Your Unit Information**

Both existing Response and any new providers are eligible to take part in the Balancing Reserve sandbox and mock auctions. Existing response providers will have their units added across from within SMP, however any existing response providers who wish to include additional dummy units must complete the registration table included below with details of any additional units.

**We will take all information in the sandbox into the mock auction environment on 05th Feb 2024.**

All new providers are required to populate the registration tables included below:

|  |  |
| --- | --- |
| **Name of Market Participant Text(255) :** |  |

**User Details**

|  |  |
| --- | --- |
| **Sr.No.** | **userId (CIAM username) Text(255)** |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |

**Unit and Service Details**

|  |  |  |
| --- | --- | --- |
| **Unit Name**  **Text(12)** | **Service Name**  **[PBR, NBR ]** | **Allocated Capacity**  **Number(16,2)** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

(Add rows wherever required.)

**Registration**

For providers who wish to register interest in the Balancing Reserve sandbox and mock auctions, please email Daniel Ward at [daniel.ward1@nationalgrideso.com](mailto:daniel.ward1@nationalgrideso.com) along with the unit information as above.

# Sandbox environment - EAC (to include Balancing Reserve & Response)

The Sandbox environment will be available for new providers from **04th January 2024.**

Those providers who accessed the EAC sandbox environment for when we launched the Response products will still be able to in the same way. All credentials already provided will work in the same way.

If additional units are needed by these providers or if Balancing Reserve MW allocation is needed to units already registered in the sandbox, then please refer to the ‘onboarding’ section above.

For any new providers who wish to access the sandbox, you can use the URL below.

<https://sandbox.eac.ngeso.production.n-side.com/marketparticipant>

You will be taken through an account creation process to set up a test account, and this will be your access point into the sandbox.

You can use the above URL to submit or change sell orders either via API or directly on the UI.

**Access via API**

An access token will be required to submit, or update sell orders via API to the mock auction platform.

If you wish to test API calls you will require a Client ID and Client Secret issued by us.

Please submit your request to Minesh Solanki ([minesh.solanki@nationalgrideso.com](mailto:minesh.solanki@nationalgrideso.com)).

# Sandbox & Mock Auction Results

In the sandbox environment, providers are able to see their own auction results but there will be public data set released.

When we conduct the ‘Mock auction’ in February 2024, market results will be published on [**Data portal**](https://data.nationalgrideso.com/)  on the day of each mock auction.

Details of this will be provided in future communication releases.

# Drop-in sessions

Drop-in sessions will be held weekly from the start of Jan 2024 through to the planned go-live date of end February 2024. Invitations for this will be sent separately.

Any question, please feel free to contact [box.futureofbalancingservices@nationalgrideso.com](mailto:box.futureofbalancingservices@nationalgrideso.com)

**Resources:**

<https://sandbox.eac.ngeso.production.n-side.com/docs/market-participant/api/getting-started/authentication>

<https://sandbox.eac.ngeso.production.n-side.com/market-participant/api/graphql> API link