



DC Mock Auction Webinar 17-Aug

This session will be
recorded

MS Forms – submit questions

If you have any questions please use the following link to submit your query:

<https://forms.office.com/r/t3NLL1tDTV>

Or you can access MS forms using the QR code below:



Agenda

1. Mock Auction review & survey feedback
2. Go-live date, onboarding details & timeline
3. Volume requirements
4. Q&A

Mock Auction Review



Mock Auction - Summary

Mock auction took place on **21st July** with **NGESO, EPEX** and Market providers



14 Active participants

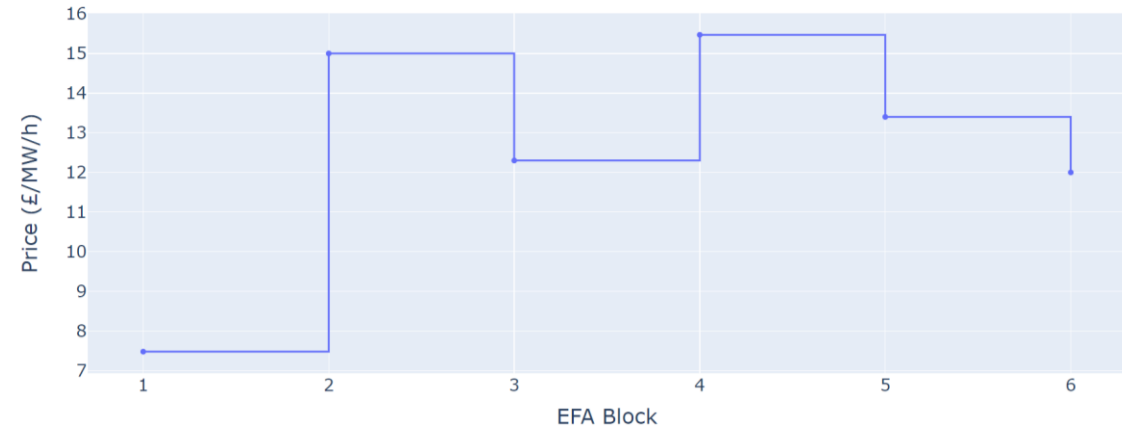
34 Portfolios / units

220 Submitted block orders

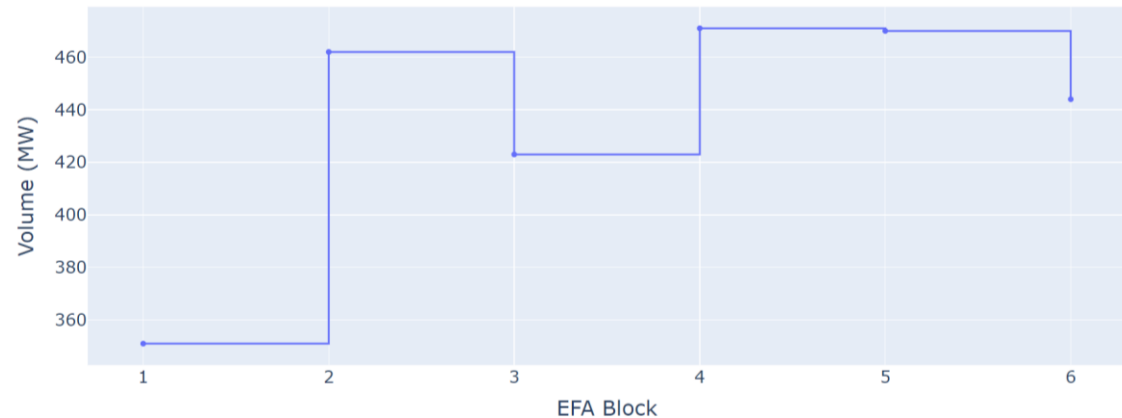
Approx. **12** seconds

Total duration of all individual actions which have been performed by the system from the start of the price calculation until the creation of the extended market results file for the mock auction

Market Clearing Price



Procured Volume



Note: The market clearing prices and procured volumes are simply for mock auction purposes, and do not reflect actual volumes and prices for when we complete the first auction

No technical or major operational issue encountered. Difficulties linked to bid submission were solved by Market Providers using error messages

Issues faced by	Type of issue	Description	Resolution
Suppliers	Bid submission	Incorrect portfolio / unit used during submission process	Automatic validation and associated messages allowed suppliers to correct their bids before assessment
Suppliers	Bid submission	C02 submitted without C01 block	Automatic validation and associated messages allowed suppliers to correct their bids before assessment
Suppliers	Bid submission	Incorrect volume (e.g. 0 MW) at submission	Automatic validation and associated messages allowed suppliers to correct their bids before assessment
Suppliers	Connectivity	Could not connect to the platform	According to platform logs, the supplier tried to initiate its password twice using the same link. For security reasons, the link provided can only be used once. Reason why the system rejected any attempt to re-initialize the password after the first one. After the supplier was asked to initialize the first password during the first attempt and this seemed to be working. The supplier could participate in the mock auction.

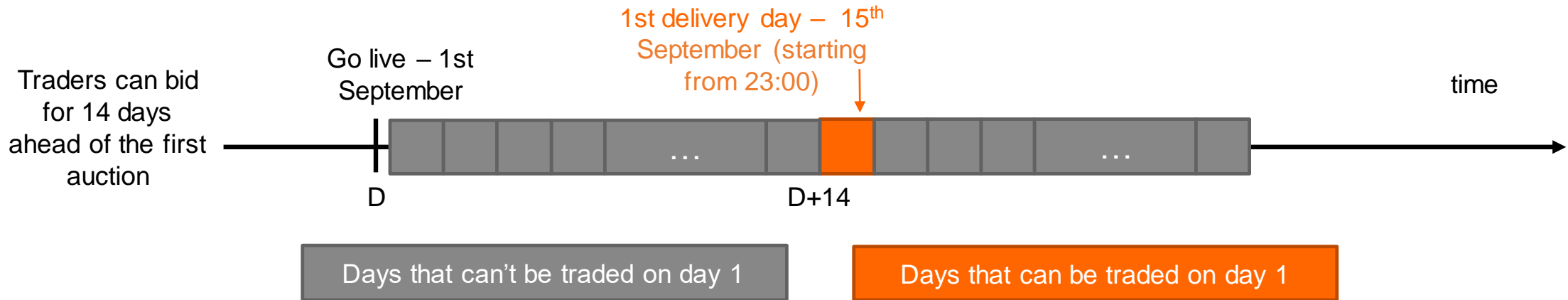
Survey feedback

- We had 8 responses back from providers that took part in the mock auction trial.
- Providers seemed satisfied with the notice provided for the mock auction, there were some queries from some providers but this was responded to quickly
- There were some errors noticed in the provider data template as some cell functions were not working. These will be reviewed and fixed prior to onboarding.
- A new provider to the EPEX platform highlighted some navigational issues, this is being reviewed by EPEX and NGESO will provide direct feedback to this provider to aid them with the platform use.
- Overall score of 4 out of 5

A landscape photograph showing a vast, golden field under a dramatic sky at sunset. The field is divided into sections of different crops, with a large, dark tree standing prominently on the right side. The sun is low on the horizon, casting a warm glow over the scene. The text "Go-live date, onboarding & Provider data template" is overlaid on the left side of the image in a white, sans-serif font.

Go-live date,
onboarding & Provider
data template

Update on 'Go-Live' date



- The current 'Go-Live' date for the launch of the EPEX platform for DCL is 01st September
- Onboarded providers will be able to log into the EPEX platform from 2nd September at 8:00 to submit bids ahead of the 1st auction taking place on 15th September at 10:00
- In order for providers to be setup correctly on the EPEX platform, providers should submit their provider data template to NGESO by **09:00 Tuesday 31st August**
- The Weekly auction will continue as normal until the end of November in parallel to the daily auctions

Provider data template & onboarding

- **New participants** wanting to take part in the DC auction must have completed the follow prequalification:
 - ☐ Receive a confirmation receipt of Forms A, B, and C
 - ☐ Connect to the Data Concentrator Host – Nortech
 - ☐ Submit the ITE Test Approval Report
 - ☐ Have real time metering tested and approved**Previous existing prequalification is still valid**
- **All providers** who wish to take part in the DC auction must:
 - ☐ Fill and Submit the DC Provider Data Template
- Market providers currently participating in the weekly auction will be able to use the same login details and will be able to start bidding for DCL from 2nd September at 08:00
- Multiple user accounts can be created under the same market provider. This should be clear in the provider data template submitted to NGESO as to which email addresses to use to send login details.
- Providers should submit the provider data templates to **DC.Submissions@nationalgrideso.com**

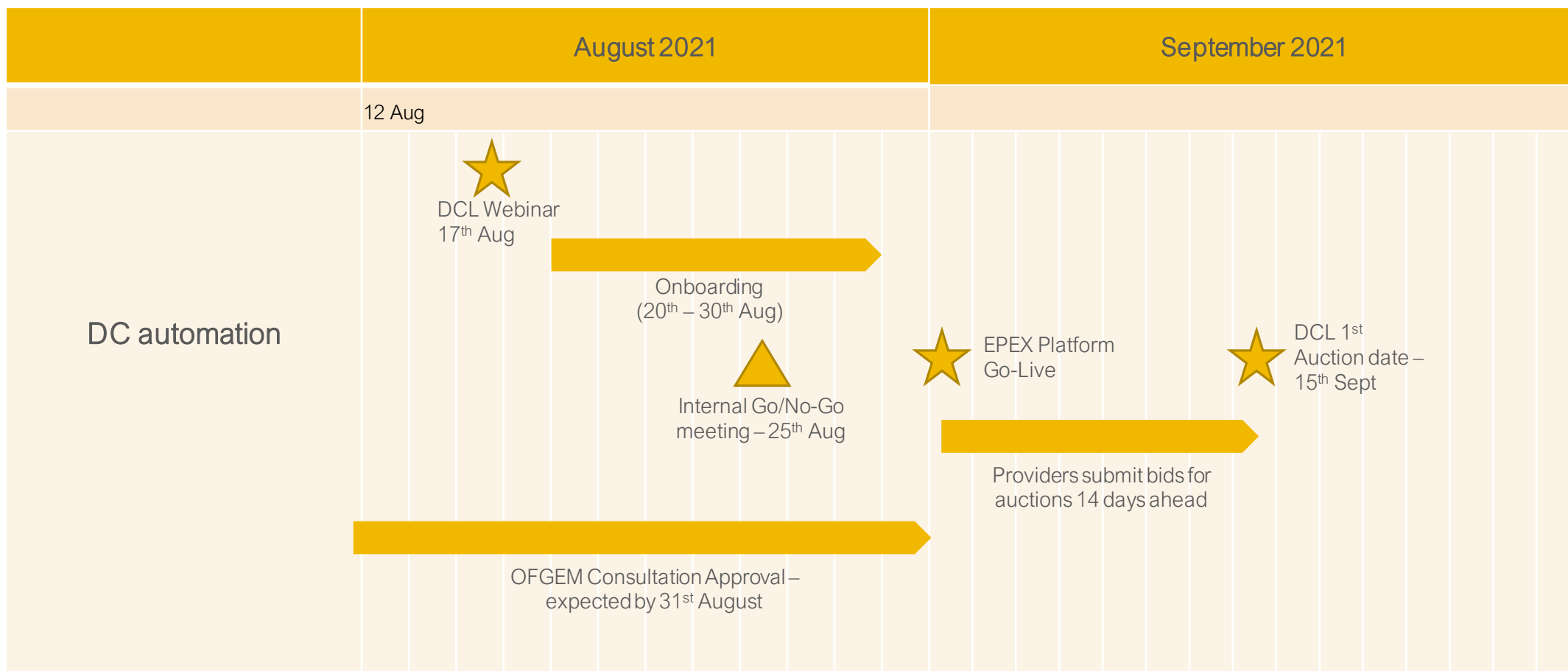
Process for submitting DC Sell Orders

- Go-live & 1st auction - illustrative timeline:

EPEX platform go-live – 1st Sept

2 nd September (D-14)		15 th September (D-1)		15 th September (D-1)		15 th September (D-1/D)	
8.00	<ul style="list-style-type: none">Order book opens for DC Sell Orders	10.00	<ul style="list-style-type: none">Auction Closure Time (Order book closes)Deadline for submission/update of NGESO's buy Order	10.30	<ul style="list-style-type: none">Auction results available to view on EPEXSPOT platform	23.00	<ul style="list-style-type: none">Delivery starts for EFA block one on service delivery day D (which is the same calendar day as D-1)
				No later than 14.30	<ul style="list-style-type: none">Auction results published on the ESO website		

Timeline of events



Volume Requirements



Volume requirements – Aug MIR

Month 2021	Min DC LF Requirement (MW)	Max DC LF Requirement (MW)
July	1100	1300
August	1200	1400
September	1100	1400
October	1100	1100
November	800	1000
December	800	1100

- The DC-LF requirements are based on inertia, demand, response and LoM capacities
- Max/min requirements refer to variation in “daily peak” requirement across a given month, based on daily procurement
- Transitioning to more granular procurement and more refined buy order after go-live of the DC automated solution
- Communicating the transition plan in due course to the refined buy order

Volume requirements – Sept MIR

Month: Sept	EFA 1	EFA2	EFA3	EFA4	EFA5	EFA6
Min MW	200	200	0	0	0	150
Max MW	750	750	1100	1150	1050	750
Month: Oct	EFA 1	EFA2	EFA3	EFA4	EFA5	EFA6
Min MW	200	200	0	0	0	0
Max MW	850	900	1000	1000	800	800
Month: Nov	EFA 1	EFA2	EFA3	EFA4	EFA5	EFA6
Min MW	200	200	0	0	0	0
Max MW	1000	1000	1000	1000	650	850

- Transitioning to EFA block procurement enables more refined requirements
- Shows the maximum and minimum requirement for a given EFA block across the entire month based on EFA block procurement
- Current policy prevents BMU-only infeed losses causing frequency deviation below 49.2Hz. Typically means securing a 1260MW loss using PSH, with DC adding to the overall response holding to cover larger loss risks including consequential RoCoF losses

Transition

- Transition to more granular procurement will happen with at least a month's notice period
- We are looking for your views on how we best manage this transition
 - Are there any specific communications you would like to see?
 - Do you have any suggestions on how we can minimise the impacts on you while we transition to more granular procurement?

Future requirements

- In future Dynamic Containment will form part of our procurements for BMU-only infeed losses alongside other actions such as trades and other frequency response services
- This will see an increase of potential requirements

A landscape photograph of rolling hills at sunset. The foreground is a field of harvested crops, possibly corn, with a path leading towards a large, dark tree on the right. The sky is filled with clouds, and the sun is low on the horizon, casting a warm glow over the scene.

Any questions?