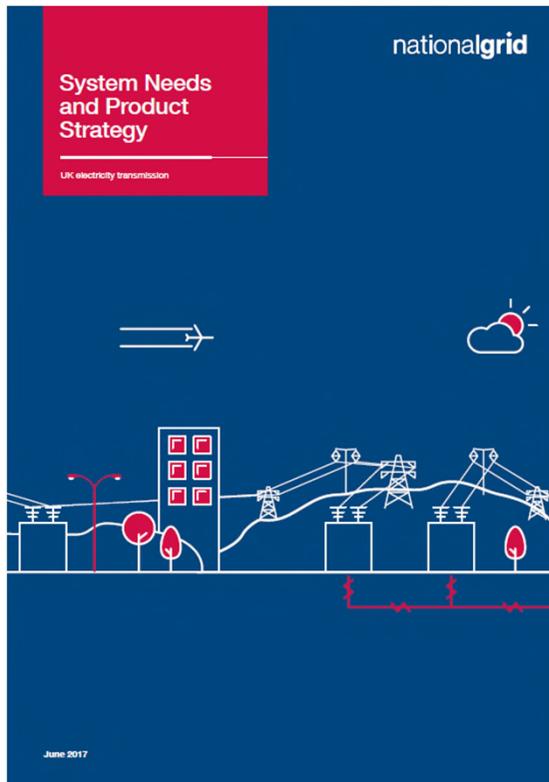


System needs & product strategy

Patrick Cassels
Senior Operability Strategy Analyst

Contents



The first release as part of our **Future of Balancing Services Ambition** .

This outlines our aim to simplify services, signal needs more transparently and design accessible services that are fit for the future.

System Needs – 5 key areas

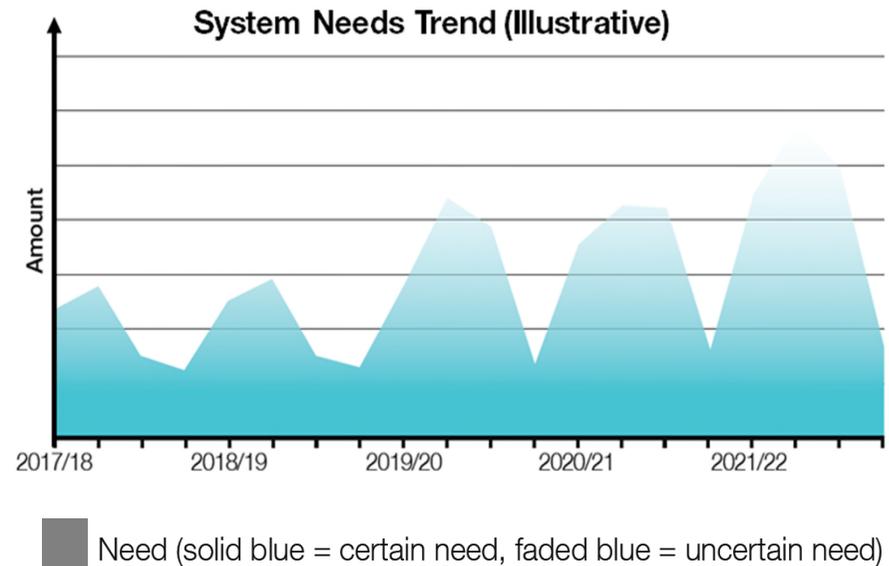
- Inertia/RoCoF
- Frequency Response
- Reserve
- Reactive Power
- Black Start

Product Strategy Consultation – 3 stages

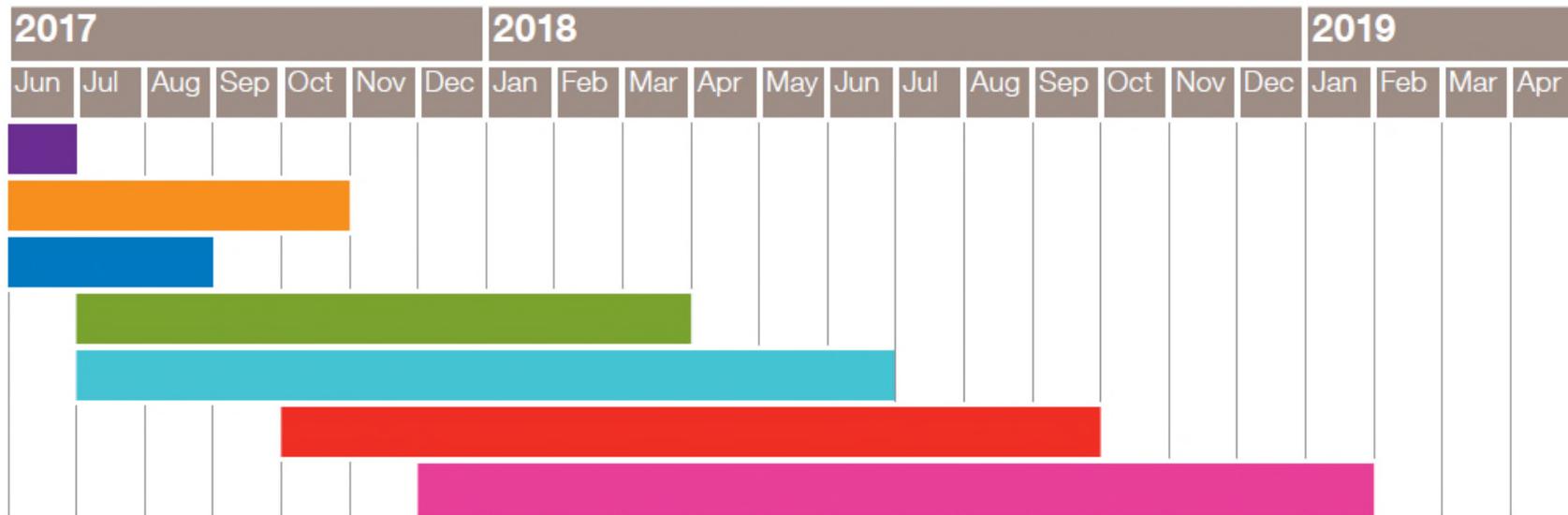
- Rationalisation
- Simplification
- Improvement

Themes

- Balancing services needs are increasing, with greater extremes and more volatility.
- There is an increasing requirement for flexibility, particularly closer to real-time.
- Today, we contract ahead for firm needs and access flexibility via trading and BM.
- Flexibility is becoming less available in the BM which reduces our ability to meet system needs using existing methods.
- Improvements are needed to facilitate access to flexibility closer to real-time.



Product strategy



- █ Rationalisation █ Standardisation █ Improvement strategy
- █ Frequency response improvement █ Reactive improvement
- █ Reserve improvement █ Black start improvement

Continuing the conversation

We would be grateful for your responses to our consultation questions:

www2.nationalgrid.com/futureofbalancingservices

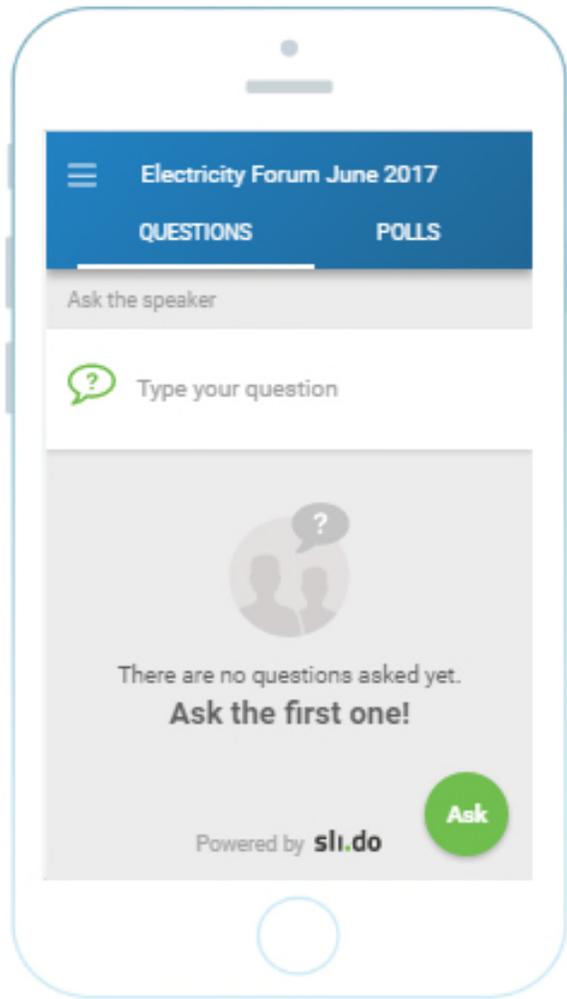
On our new web page you can:

- Register for updates on our progress
- Register for webinars on the 3rd and 7th of July
- Download **Future of Balancing Services Ambition**
- Download **System Needs and Product Strategy**

We are running a query clinic this afternoon.

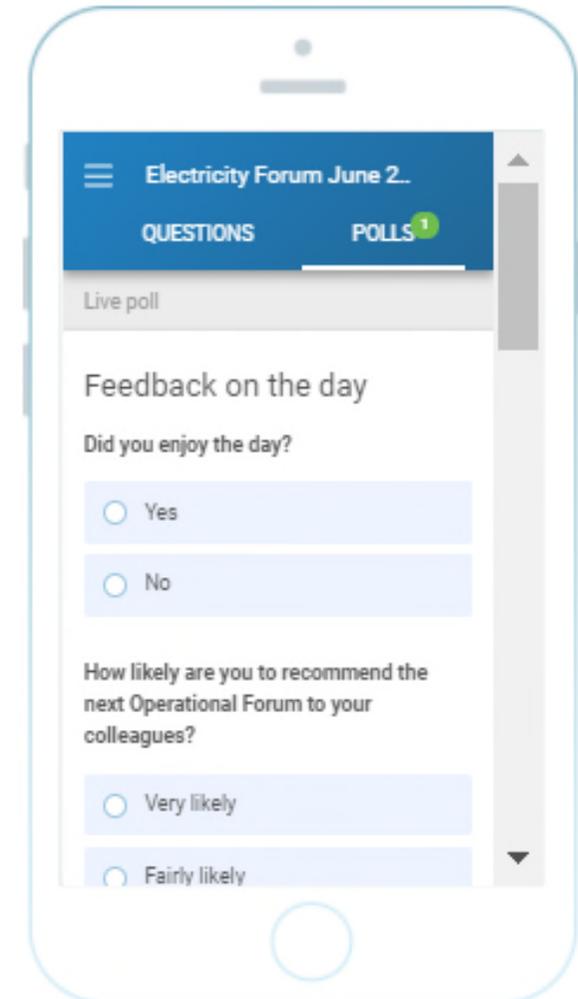
Please contact us via email with queries or feedback:

box.futureofbalancingservices@nationalgrid.com



Q&A

*Please provide
feedback
via www.sli.do
#C021*



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