

FLEXIBILITY WEBINAR GLOBAL CALL

September 2023



Scottish & Southern
Electricity Networks



HOUSE KEEPING



Video/webcams off

Please only turn your video on for the discussion in break-out rooms



Mics on mute

Please stay on mute unless you are asking a question



Technical queries

If you have any technical questions let us know

SLIDO:

- You will need your phone to take part in Slido, but please keep them on silent during the event.
- Go to Slido.com and use code: **#FLEX2023**

WELCOME AND OVERVIEW

Catherine Winning - Flexibility Markets Manager

Topic	Speaker
Flexibility Overview	Catherine Winning
Tender Details	Nicholas Phillips
Procurement and Dispatch	Elizabeth Porter
Q&A	Catherine Winning



OUR NETWORKS AT A GLANCE

Our electricity distribution network delivers power to over 3.9 million homes and businesses across the diverse and unique geographies of the north of Scotland and central southern England.

SHEPD: NORTHERN SCOTLAND

SEPD: CENTRAL SOUTHERN ENGLAND



Over **3.9 million** homes and businesses served by our networks



More than **783,000** vulnerable customers identified on our priority services register



Over **4,000** employees across the country



over **127,000km** of overhead lines and underground cables



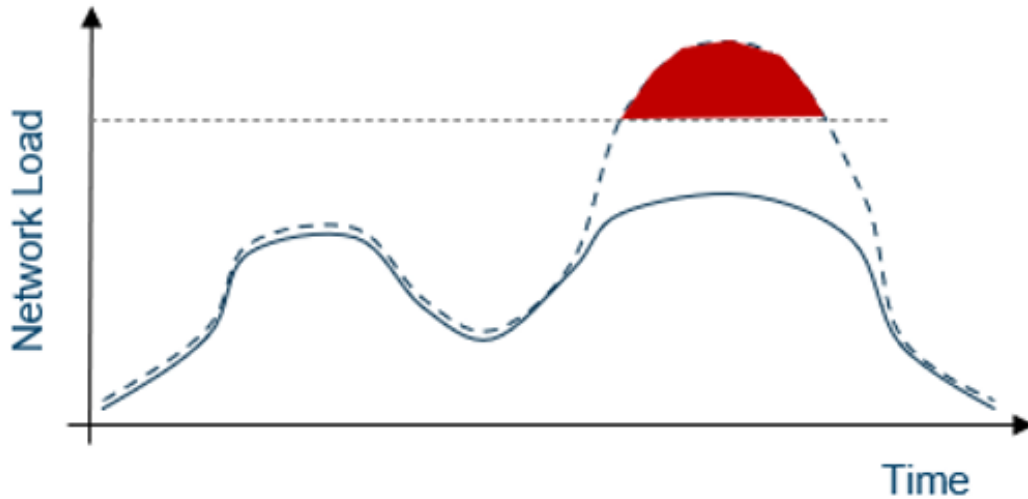
115,000 substations



460km subsea cables powering island communities



BENEFITS OF FLEXIBILITY



Traditional solutions to increased network capacity such as building network reinforcement can be deferred to reduce costs.



Facilitates quicker connections to congested parts of the network ahead of increasing network capacity.



Helps maintain network supply during times of planned and unplanned outages.



FLEXIBILITY SERVICES

<u>Service</u>	<u>Payment Structure</u>	<u>Availability Notification Period</u>	<u>Availability Instruction Period</u>	<u>Utilisation Notification Period</u>	<u>Utilisation Instruction Period</u>
Sustain	Utilisation	N/A	N/A	1 month	1 week
Secure	Availability and Utilisation	Month ahead	1 month	1 week	1 week
Dynamic	Availability and Utilisation	Week ahead	Multiple periods	Day ahead	1 day
Restore	Utilisation	N/A	N/A	2 minutes	1 day
Emergency	Utilisation (fixed rate)	N/A	N/A	15 minutes	Multiple periods



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TENDER DETAILS

Nicholas Phillips – Senior Flexibility Market Analyst

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TENDER OVERVIEW



We are introducing overarching agreements for these tenders; these will cover all services and will last 4 years.



Once the overarching agreement is signed, the tenders will open for secure, dynamic and restore services.



There are no price ceilings on bids for these services, bids will be assessed on price.



Successful bids will be awarded 1-year call off contracts beginning in April 2024.



SECURE SERVICE

- We are reopening Constraint Managed Zones (CMZs) that were not fulfilled in our previous tender.
- There is over 8 MW available across 9 different CMZs.
- We are introducing a guaranteed minimum availability payment value.
 - This will be based on the current forecast for availability.
 - If future forecasts for availability change, you will still be guaranteed this current availability forecast.
- For these CMZs we are also moving away from price ceilings.
 - We have a budget of £700,000 to spend across all CMZs on the guaranteed availability value.
 - Call off contracts will be awarded to the best priced bids.



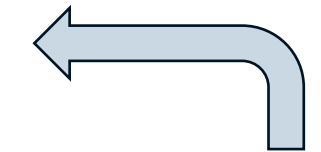
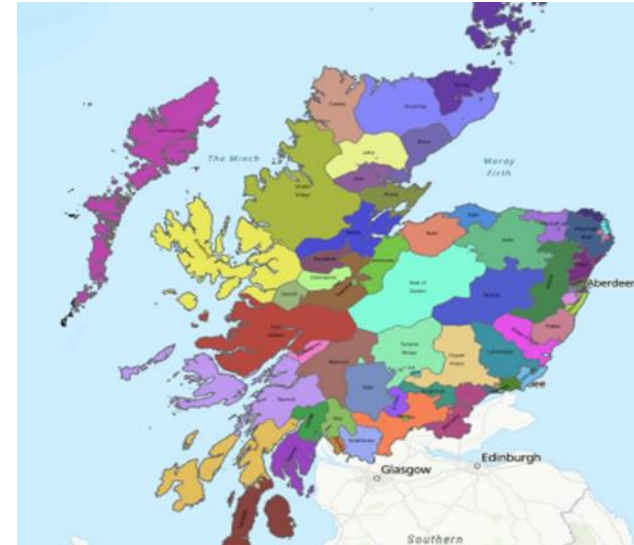
SECURE SERVICE

<u>CMZ</u>	<u>Capacity Required (MW)</u>	<u>Service Window</u>	<u>Season</u>	<u>Availability Forecast (Days)</u>
Alderton	0.20	17:30 - 20:00	Spring/Autumn	170
Alresford	0.27	17:00- 18:00	Winter/Spring/Autumn	168
Ashton Park	0.99	15:30 - 22:00	Winter/Spring/Autumn	63
Egham	0.20	17:00 - 20:30	Winter/Spring/Autumn	63
Faringdon	1.69	15:00 - 22:00	Winter/Spring/Autumn	168
Goring	2.82	16:30 - 21:00	Winter/Spring/Autumn	105
Harvard Lane	0.23	16:30 - 22:00	Winter/Spring/Autumn	63
Stokenchurch (AM)	0.90	07:30 - 08:30	Winter/Spring/Autumn	105
Stokenchurch (PM)	0.90	15:00 - 22:00	Winter/Spring/Autumn	105



DYNAMIC & RESTORE SERVICE

- We are seeking dynamic and restore services across all locations in our North and South license areas.
- Flexibility providers with capacity over 10 kW can bid for these services.
 - This will provide us with options so we can best prepare for unplanned scenarios that may arise.
- There are no price ceilings for these services.
 - The more expensive bids are, the less likely they are to be utilised.

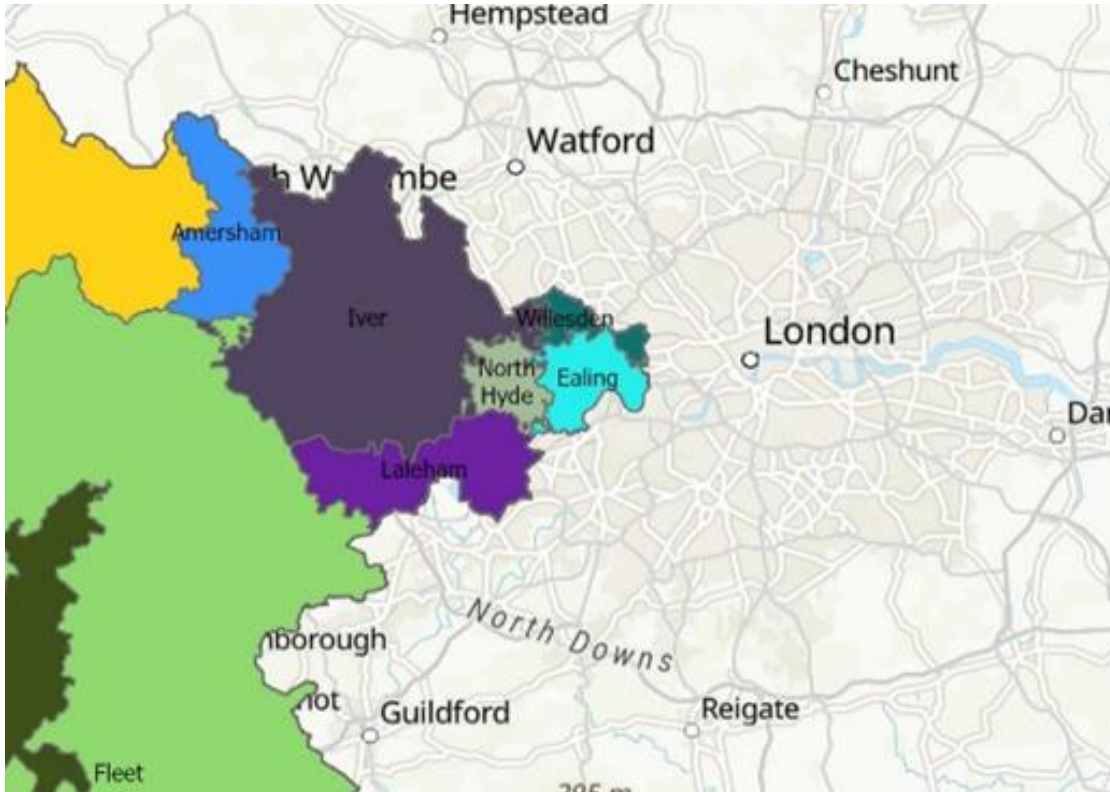


North and South
SSEN license areas





WEST LONDON



- We want to understand how we can use flexibility to accelerate connections and alleviate congestion.
- We particularly want to sign flex participants on the overarching agreement in our West London region.
- We intend to open a tender for Secure in this area if we have enough providers signed: begin engaging now if you want to be involved in this future tender.
- The supply areas included are Amersham, Ealing, Iver, Laleham, North Hyde, and Willesden.
- Overarching standard agreements signed now will ensure that call off contracts can be bid for seamlessly.



PROCUREMENT AND DISPATCH

Elizabeth Porter - Flexibility Market Analyst

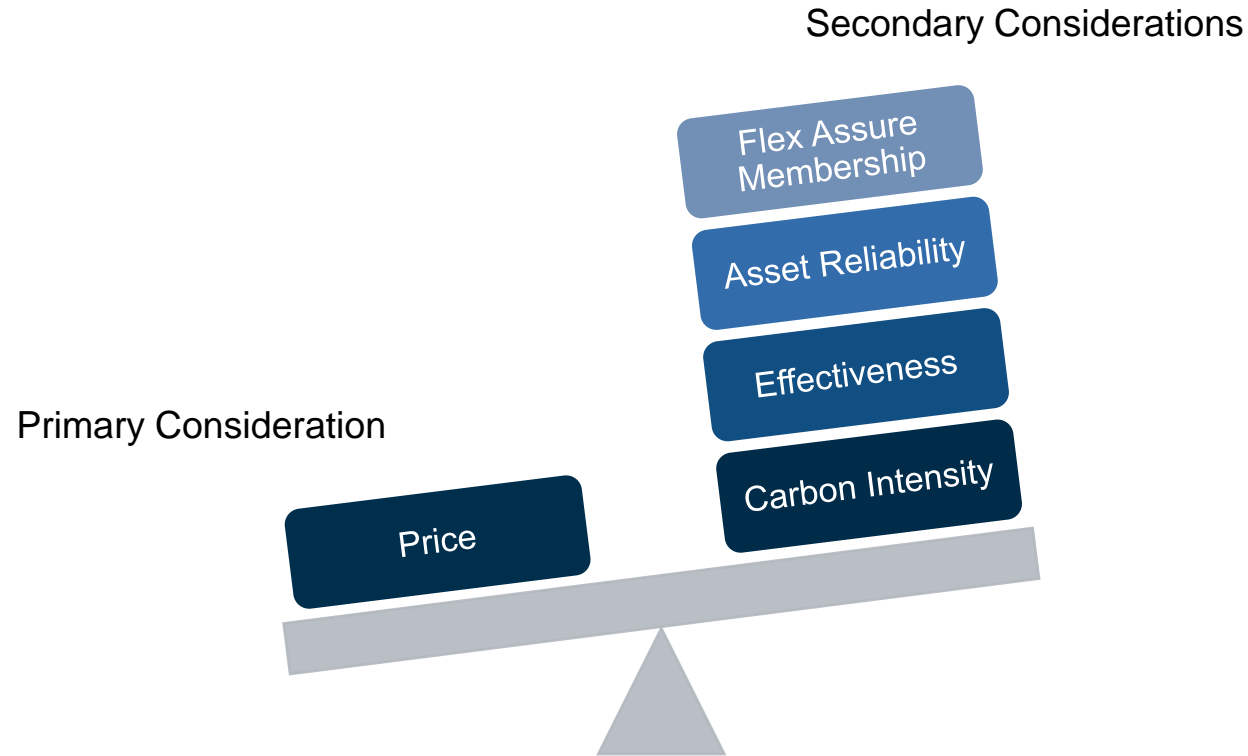


PROCUREMENT DEADLINES





TENDER ASSESSMENT



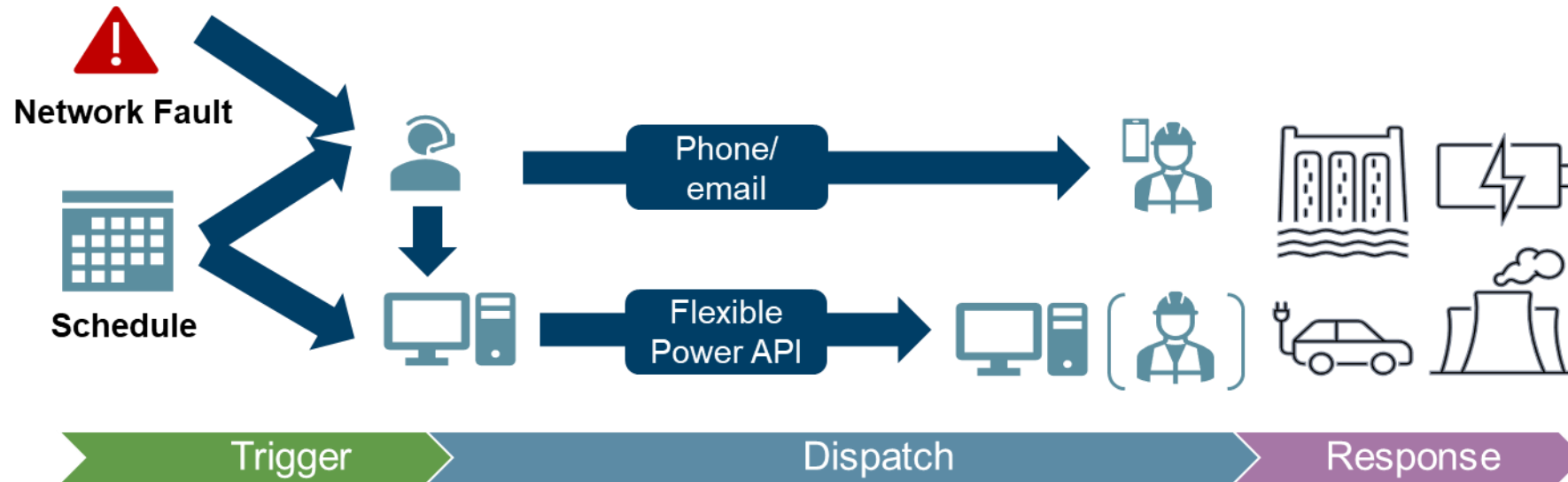
- Secondary considerations used to differentiate identically priced bids.
- Guaranteed minimum availability payment is announced alongside tender outcomes.



DISPATCH PROCESS

Successful flex providers will be dispatched using the below process:

- We dispatch services manually (via phone call and email) or automatically (via Flexible Power API).
- API integration is not mandatory but is advantageous for settlement (metering) data and our preference.





Q&A

Catherine Winning - Flexibility Markets Manager

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RECAP OF DEADLINES

<u>Procurement Steps</u>	<u>Deadline</u>
Last date for DPS submission	17 th October 2023
Overarching agreement acceptance opens	1 st November 2023
Overarching agreement acceptance closes	13 th November 2023
Deadline for overarching agreement signature	5 th January 2024
Open tender for services	12 th January 2024
Close tender for services	30 th January 2024
Call off contracts awarded	1 st March 2024
Flexibility services live	1 st April 2024



Please email any questions to flexibilityprocurement@sse.com



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