

Power Responsive Industrial and Commercial Survey 2023 Questions

Below is a list of all questions on the “Power Responsive Industrial and Commercial Survey 2023” please be aware some questions will be asked depending on answers from previous questions. Please submit your answers via the online form:

<https://forms.office.com/Pages/ResponsePage.aspx?id=U2qK-fMIEkKQHMD4f800ITfn1fECkdHjbu2JTjqwfhUNTRPRzFTNORSWEhWSjk5NDYwMDQ1QU5WSC4u>

Key: * - Required questions

Section 1: Introduction and General Questions

1. Name*
2. Email*
3. Job Title*
4. Organisation*
5. Business Sector*
6. What is the nature of your business?*
7. What is your organisation's overall annual electricity spend?
8. What is your organisation's annual electricity consumption in MWh?
9. What is this site's approximate peak (maximum) electricity demand of your business in MW?
10. Does the business have operational premises in multiple locations within England, Scotland or Wales?*
11. If you have multiple sites please fill in the rest of the survey for your main operational site. Are you happy for us to be in contact with you regarding your other operational sites?*
12. Which Grid Supply Point does your premises access?*
13. What is the first part of this site's postcode? For example CV34 6DA would be CV34. This information will be used to identify the specific grid supply point for your site and will not be published.*
14. What is this site's annual electricity spend?
15. What is this site's annual electricity consumption in MWh?*
16. What is this site's approximate peak (maximum) electricity demand of your business in MW?*

Section 2: Onsite Electricity Generation

17. Do/can you produce your own electricity?*
18. How much electricity do you produce annually in MWh?*
19. What assets do you use to produce this electricity?*
20. What are your asset capabilities?*
21. How long is the notice period required for your assets to respond?*
22. Do you currently participate in any of ESO or DSO balancing services?*
23. What services do you currently participate in?*
24. Why don't you use this electricity in our services?*
25. How do you enter markets?*
26. Can you store electricity?*
27. How much electricity can you store at any given time in MWh?*
28. What assets do you use to store this electricity?*

29. What are the assets capabilities?*

Section 3: Demand Side Response and Possible Flex

- 30. Do you have any plans to decarbonise your business and/or reduce energy consumption?*
- 31. What power storage or power generation assets does your business use?*
- 32. Do you currently participate in Demand Side Response (either directly or through an aggregator)?*
- 33. Do you have the capability to flex your energy usage?*
- 34. What are the biggest barriers stopping you from participating in DSR?*
- 35. What is your current ability to increase demand in MW?*
- 36. How long can you sustain this increased demand for?*
- 37. What is your current ability to reduce demand in MW?*
- 38. How long can you sustain this demand reduction for?*
- 39. Do you enter your demand in the Capacity Market?*
- 40. Directly or through an aggregator?*
- 41. By 2030, what is your potential ability to increase demand in MW?*
- 42. By 2030, how long could you sustain this demand increase for?*
- 43. By 2030, what is your potential ability to decrease demand in MW?*
- 44. By 2030, how long could you sustain this demand reduction for?*
- 45. Are you on any Time of Use (ToU) tariffs affecting your ability to participate in flexibility services?*
- 46. Have you ever reduced demand over peak winter (triad) periods to reduce network charges?*
- 47. With the removal of the incentives for reducing demand over triads are there any other reasons you would reduce demand over peak periods?*

Section 4: Demand Flexibility Service (DFS)

- 48. Has this site ever participated in DFS?*
- 49. Which year did this site participate?*
- 50. How did you participate in DFS?*
- 51. What volume of your site participated in DFS in MW?*
- 52. What were the technical or commercial challenges you faced with DFS?*
- 53. Would you participate in DFS again in the future?*(
(1 - Very Unlikely, 2 - Unlikely, 3 - Neutral, 4 - Likely, 5 - Very Likely)
- 54. What are the reason(s) you haven't participated?*

Section 5: Barriers to Entry for ESO Balancing Services

- 55. What are the main barriers to entry for you to participate in balancing services?*
- 56. Would a compliance scheme such as Flex Assure make you more likely to participate in flexibility services?*(
(Flex Assure is a code of conduct and compliance scheme for flexibility service providers serving business customers flexassure.org).
- 57. Do you have anything else to add regarding barriers your business faces entering ESO balancing services?
- 58. Do you have any other information you would like to share with us about your business' ability to participate in flexibility services?
- 59. Would you be happy for us to contact you to follow up on any of your answers?*