

Distribution Flexibility Procurement Statement

1st April 2021 to 31st March 2022

Revision 1.0

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Executive summary

We have not identified any short-term or medium-term flexibility needs for any of our networks. Therefore this report is a null response to the requirements.

1. Introduction

Eclipse Power Networks Ltd owns and operates an IDNO licensee business.

Our networks are distributed across Great Britain and are currently connected to upstream distribution networks in England and Wales.

All our networks are infill, built as extensions to the existing electricity distribution network, to service new housing and commercial property developments. Therefore, our networks are relatively new and designed to meet the needs of the current occupants of the properties. They are based on the load requirements associated with these occupants or for new properties. Our current needs to procure flexibility to support the operational needs of our networks are therefore non-existent and in the near future will be very limited.

2. Flexibility Service Requirements

We have not identified any short-term or medium-term flexibility needs for any of our networks.

All our networks are new having been built within the last five years. As stated above, these have been sized for the needs of the customers' they currently serve and therefore there are no current requirements for them to be reinforced or replaced. Our design standards allow for the use of PV, ASHPs, where appropriate, and local generation via PV or declared battery storage.

We are aware that this situation may change in the future. Ongoing and further changes to customers' electricity usage is likely as we transition to zero carbon transport and heat. In the longer term we may have a requirement for flexibility on our networks and we keep this under regular review. This may be seen in properties that transition from gas heated to ASHP or other electric solutions or developments that may appear in the future.

3. Stakeholders Engagement

Without any need for flexibility services in the foreseeable future we have no plans for broad stakeholder engagement regarding flexibility. We engage with appropriate customers as they connect to our network to ensure that they have considered and are in a position to offer flexibility services to upstream network owners.

4. Economic viability

Without any need for services in the foreseeable future we have not undertaken any analysis on the economic viability of procurement of flexibility services.

We have modelled future scenarios to understand the likely increase in capacity that may arise from a greater take up of electric vehicles and heating solutions and at which point these may impact the operational performance of our networks. We are developing and enhancing our network monitoring capabilities to better understand when issues are likely to arise. We anticipate that this will provide sufficient early warning to allow us to consider the use of flexibility in ensuring that our networks operate to an optimal standard.

5. Carbon reporting

Without any need for flexibility services on our networks in the foreseeable future, we are not able to provide any quantitative carbon assessments. However we are happy to liaise with other DNOs, iDNO and ESO in the future to ensure that when we are in a position to provide carbon reporting, we will adopt a standardised and robust approach to aid understanding and improve transparency in this area.