

Distribution Flexibility Procurement Statement

1. Introduction

GTC Infrastructure Limited (GTC) owns and operates two IDNO licensee businesses (The Electricity Network Company Limited (ENC) and Independent Power Networks Ltd (IPNL)).

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

The majority of our networks are last mile connections, built as extensions to the existing electricity distribution network, to service new housing and commercial property developments. As a consequence, our networks are relatively new and designed to meet the needs of the current occupants of the properties served by our networks and is based on the load requirements envisaged for new properties. Our current needs to procure flexibility to support the operational needs of our networks are therefore 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 decade and have been sized for the needs of the customers' they currently serve, there are no current needs for them to be reinforced or replaced. Our design standards allow for the use of PV, ASHP's / GSHPs where appropriate.

We are aware that this situation may change in the future. Changes to customers electricity usage is likely as we transition to zero carbon transport and heat. In the longer term therefore, 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 / GSHP or other electric solutions that may appear in the coming years.

3. Tendering Process

GTC operates within its documented procurement and tendering processes however, without need for flexibility at this stage we have not implemented those processes for procuring services in this environment.

4. Stakeholders Engagement

Without any need for services in the foreseeable future we have no plans for broad stakeholder engagement regarding flexibility. We are engaging with the upstream network owners to ensure that if they require any flexibility services they can consider customers connected to our networks.

5. Detailed Quantitative Assessment

We have not identified any requirement for reinforcement on our networks. 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.



David Overman

Electricity Network Director