

1 **Annex 1 – Consultation on getting an electricity connection responses and questions**

- 1.1. We would like to hear the views of interested parties in relation to any of the issues set out in our consultation.
- 1.2. We would especially welcome responses to the specific questions which we have set out in our consultation and are replicated below.
- 1.3. If you have any questions on this document please contact:

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0207 901 1861
Connections@Ofgem.gov.uk

- 1.4. **Responses should be sent, preferably by e-mail by 29 April 2016 to the address above.**
- 1.5. Unless marked confidential, all responses will be published by placing them in Ofgem's library and on its website www.ofgem.gov.uk. Respondents may request that their response is kept confidential. Ofgem shall respect this request, subject to any obligations to disclose information, for example, under the Freedom of Information Act 2000 or the Environmental Information Regulations 2004.
- 1.6. Respondents who wish to have their responses kept confidential should clearly mark the document/s to that effect and include the reasons for confidentiality. Respondents are asked to put any confidential material in the appendices to their responses.
- 1.7. Next steps: We will consider the responses to this consultation and these will be used alongside other evidence for our assessment of the ICE plans.
- 1.8. *Each of the questions asked by this consultation is set out in the template below. **Note that an editable version of this response template is available on our website as an associated document to this consultation.***
- 1.9. *Please ensure that you indicate the DNO to which your experiences relate.*
- 1.10. *When considering your responses to these questions, please consider your experiences, the actions that the DNO has undertaken or committed to undertake, and the actions that you consider it could reasonably undertake.*

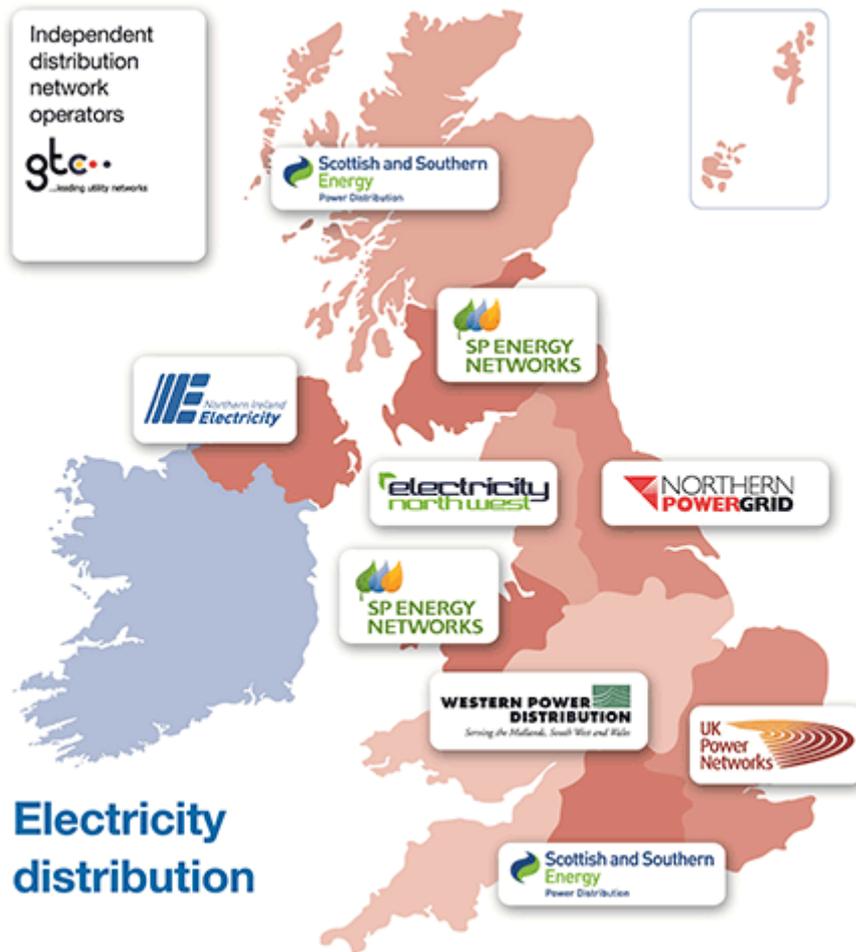
Response template

Question	Response																																		
About you and your work																																			
1. What is the name of your company?	Banks Group																																		
2. In which DNO's region do you generally operate (see Annex 2 for DNO map)? If you operate in more than one DNO's region please indicate which DNO your responses to the following questions refer to.	SPEN – Scotland Northern Powergrid – North East and Yorkshire																																		
3. What type of connection do you generally require? And for each type of connection, how many connection applications, including total MVA (Mega Volt Ampere) of connections have you made in the past year?	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="808 619 1368 676">Type of connection</th> <th data-bbox="1368 619 1610 676">Total number of connections</th> <th data-bbox="1610 619 1845 676">Total MVA of connections</th> </tr> </thead> <tbody> <tr> <td data-bbox="808 676 1021 871" rowspan="4">Metered Demand Connections</td> <td data-bbox="1021 676 1368 724">Low Voltage (LV) Work</td> <td data-bbox="1368 676 1610 724">2</td> <td data-bbox="1610 676 1845 724">0.4</td> </tr> <tr> <td data-bbox="1021 724 1368 772">High Voltage (HV) Work</td> <td data-bbox="1368 724 1610 772"></td> <td data-bbox="1610 724 1845 772"></td> </tr> <tr> <td data-bbox="1021 772 1368 836">HV and Extra High Voltage (EHV) Work</td> <td data-bbox="1368 772 1610 836"></td> <td data-bbox="1610 772 1845 836"></td> </tr> <tr> <td data-bbox="1021 836 1368 871">EHV work and above</td> <td data-bbox="1368 836 1610 871"></td> <td data-bbox="1610 836 1845 871"></td> </tr> <tr> <td data-bbox="808 871 1021 992" rowspan="2">Metered Distributed Generation (DG)</td> <td data-bbox="1021 871 1368 935">LV work</td> <td data-bbox="1368 871 1610 935"></td> <td data-bbox="1610 871 1845 935"></td> </tr> <tr> <td data-bbox="1021 935 1368 992">HV and EHV work</td> <td data-bbox="1368 935 1610 992">1</td> <td data-bbox="1610 935 1845 992">5</td> </tr> <tr> <td data-bbox="808 992 1021 1123" rowspan="3">Unmetered Connections</td> <td data-bbox="1021 992 1368 1040">Local Authority (LA) work</td> <td data-bbox="1368 992 1610 1040"></td> <td data-bbox="1610 992 1845 1040"></td> </tr> <tr> <td data-bbox="1021 1040 1368 1088">Private finance initiatives (PFI) Work</td> <td data-bbox="1368 1040 1610 1088"></td> <td data-bbox="1610 1040 1845 1088"></td> </tr> <tr> <td data-bbox="1021 1088 1368 1123">Other work</td> <td data-bbox="1368 1088 1610 1123"></td> <td data-bbox="1610 1088 1845 1123"></td> </tr> </tbody> </table>	Type of connection		Total number of connections	Total MVA of connections	Metered Demand Connections	Low Voltage (LV) Work	2	0.4	High Voltage (HV) Work			HV and Extra High Voltage (EHV) Work			EHV work and above			Metered Distributed Generation (DG)	LV work			HV and EHV work	1	5	Unmetered Connections	Local Authority (LA) work			Private finance initiatives (PFI) Work			Other work		
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Consultation questions																																			
1. Do you consider there are constraints on the network in this DNO's region? If there are no constraints please do not answer the following questions.	SPEN – Scotland – definitely yes for Distributed Generation Northern Powergrid – North East and Yorkshire – in some areas for Distributed Generation																																		

2. What impact have these constraints had on your ability to get connected to the network?	SPEN – Scotland – On a project (EHV DG), that we have now sold, we had to work hard with SPEN and National Grid to get a solution that worked for the project. We investigated the SPEN ARC solution and constrained agreements (BEGA) with National Grid. We did get to a solution that worked to progress the project.
3. To what extent has the DNO tried to find ways to help you get connected in constrained areas? For example:	
a. To what extent has the DNO offered you more flexible and alternative connection arrangements alongside conventional firm connections? If not, then have they explained why not?	
b. If the DNO does offer alternative arrangements, is the information provided sufficient to decide whether or not to go forward with the connection?	In our experience this is difficult and requires us to assess levels of constraint. In one case SPEN did support with some modelling on a project related to ARC.
c. If the DNO does offer alternative arrangements, do you find the associated terms (eg. level of potential curtailment and certainty around maximum curtailment levels) acceptable?	In our experience this is difficult and requires us to assess levels of constraint.
4. What information has the DNO shared with you on its work plan of activities designed to help enable connections in these areas?	
a. How comprehensive has this information been?	SPEN - Scotland – Regular updates at fora on the ARC project and improvements in the Statement of Works process. Northern Powergrid – Yorkshire and North East – Updates at connections fora

	on the Driffield trial scheme.
b. To what extent has the DNO provided information on associated delivery dates of its work plan of activities?	<p>SPEN - Scotland – Regular updates at fora on the ARC project and improvements in the Statement of Works process. Website access to more information.</p> <p>Northern Powergrid – Yorkshire and North East – Updates at connections fora on the Driffield trial scheme.</p>
c. Are you aware if the DNO is forecasting future levels of growth in the type of connections you require?	<p>Yes</p> <p>SPEN - Scotland – definitely planning to use more active network management solutions.</p> <p>Northern Powergrid – Yorkshire and North East – not sure</p>
d. Are you aware of any plans the DNO has to invest in new network capacity where the network is constrained, to enable further customer connections? Have you been consulted on these plans? Has the DNO explored with you ways in which this could be funded?	<p>SPEN - Scotland – only really in relation to Dumfries and Galloway project on transmission.</p>
5. Please give details of any other activities you would expect the DNO to be undertaking to deal with constraints on their network.	<p>DNOs with significant DG should be preparing to operate as DSOs, at least in some regions.</p> <p>I have been regularly reminded by SPEN that their ARC project is a temporary solution and reinforcement has to be committed to. Should there be options for enduring constrained connections, if the constraint can be predicted.</p> <p>The ENA P2/6 review work presently ongoing seems to suggest running networks harder/above the existing firm rules has economic benefits. It will be interesting to see how this is finalised.</p>

Annex 2 - Map showing DNO licensee areas¹



¹ Image from Electricity Networks Association (ENA)