

Call for Input questions

1. Are the three energy system functions we outline (energy system planning, market facilitation of flexible resources and real time operation of local energy networks) the ones we should be focusing on to address the energy system changes we outline?

Energy System Planning – considering planning across electricity, gas(es) and heat is a good starting point. Decarbonising the energy system will require a holistic approach that integrates heat, power and transport to drive efficiencies. Incorporating elements of transport planning through suitable national and sub-national agencies could deliver additional strategic and investment benefits and support net zero at least cost.

Market facilitation of flexible resources – consideration of future flexibility provision in costing for new network connections

Real time operation of local energy networks – optimisation strategies must be clear and agreed locally to avoid unnecessary policy conflict. How will technology, data and actuation standards be applied (and by who) to ensure future proofing and inter-operability of new assets coming on line?

Digitalisation – establishment of an 'Energy Data Trust' to facilitate standards and sharing across organisations

2. Do you agree with the criteria we have set out for assessing the effectiveness of institutional and governance arrangements?

Yes

3. Do you agree with our assessment of how far the current institutional arrangements are, or are not, well suited to deliver the three key energy system functions?

NA

4. Overall, what do you consider the biggest blocker to the realisation of effective energy system planning and operation at sub-national level?

Inflexibility around all the new connections that will be needed to become carbon neutral. The system is just not geared up to facilitate a smooth, resourced administrative and physical process for transition

Avoidance of large connection charges through co-ordinated approach to new generation, demand and flexibility projects

5. Do you agree with the opportunities of change we outline and the potential benefits they may create?
6. Are there additional opportunities for change and benefits that we have not set out?

7. We set out a number of risks associated with change. Do you agree with these risks and the potential costs they create? Are there additional risks of change and costs that have not been set out?

NA

8. For each model, we have set out the key assumptions which need to be true for the model to offer the right solution. Which of these assumptions do you agree with?
9. Out of the framework models we have developed which, if any, offer the most advantages compared to the status quo? If you believe there is another, better model please propose it.
10. What do you consider to be the biggest implementation challenges we should focus on mitigating?
11. Taking into account the varying degrees of separation of DSO roles from DNOs under framework model 1, do you consider there are additional measures we should consider implementing, in particular in the short term (e.g. changes in accountability etc)?

Strengthen governance arrangements for Local Area Energy Planning – prioritise technical and operational role for DNO with accountability to local/combined authorities for meeting outcomes in adopted Local Area Energy Plans

12. Are there other key changes taking place in the energy sector which we have not identified and should take account of?
13. What do you consider to be the most important interactions which should drive our project timelines?