

## Terms of Reference for DCRPMP/20/06 Workgroup

The Distribution Code Review Panel has recently agreed to establish the DCRPMP/20/06 Workgroup to review the Distribution Code requirements relating to electricity storage. The work will consider how storage might develop technically and commercially, and look to ensure that there are no inappropriate pre-existing or future technical impediments to such development in the Distribution Code or its associated documents.

### Responsibilities

1. The workgroup is responsible for assisting the Distribution Code Review Panel (the DCRP) in the considering the formal inclusion of storage into Distribution Code documents as agreed at the DCRP meeting on 04 June 2020.
2. The proposal, and any recommendations, must be evaluated to consider whether it better facilitates achievement of the code objectives. These are to:
  - (a) *permit the development, maintenance and operation of an efficient, coordinated and economical system for the distribution of electricity; and*
  - (b) *facilitate competition in the generation and supply of electricity; and*
  - (c) *efficiently discharge the obligations imposed upon distribution licensees by the distribution licences and comply with the Regulation and any relevant legally binding decision of the European Commission and/or the Agency for the Co-operation of Energy Regulators;*
  - (d) *promote efficiency in the implementation and administration of the Distribution Code.*

### Scope

1. The Workgroup must consider the issues raised by the modification proposal and consider if the proposal identified better facilitates achievement of the code objectives.
2. In addition to the overriding requirement of point 1 above, the workgroup shall:
  - (a) Review the current and likely future legislative arrangements for storage, including, but not necessarily limited to, the ESQCR, Electricity Act licences (ie generation, storage, distribution), the Grid Code, the RfG EU network code, the DCC EU network code, Emergency and Restoration EU network code and the European Stakeholder Committee Expert Group on Storage final report.
  - (b) Review with stakeholders, including specifically storage manufacturers and developers, how storage technology is being developed and deployed in Great Britain, and what the key challenges are for stakeholders and DNOs.
  - (c) Liaise with NGENSO to ensure any Distribution Code changes are harmonized as far as possible with Grid Code requirements.
  - (d) Consider if there are any particular accommodations needed for electric vehicles that are capable of vehicle to grid operation.
  - (e) In consultation with NGENSO consider if there are any specific implications for distribution connected storage under NGENSO's System Defence and System Restoration Plans.

- (f) Develop proposals to modify the Distribution Code and associated documents to implement the appropriate changes that recognize any current need for additional clarity of treatment of storage, and any emerging needs.
  - (g) Consider how new Distribution Code obligations on storage will be implemented for storage that is to be added to sites with existing storage and/or generation connected under G83 or G59 as well as added to more recent sites with existing storage and/or generation connected under G98 and G99.
  - (h) Consider how storage, both as technology and as commercial opportunities, might develop and look to ensure that there are no in appropriate pre-existing or future technical impediments in the Distribution Code and its associated documents.
  - (i) Develop draft legal text to implement the modification.
  - (j) Review and develop any updates associated with the relevant connection application forms; and
  - (k) Review stakeholder feedback from any appropriate consultations undertaken and recommend how this should be addressed.
3. The scope of the workgroup shall not include:
- (a) Network access or other commercial charging arrangements for storage; network charging is defined in other GB codes;
  - (b) Commercial services for storage; whilst the Distribution Code sets certain technical requirements to deliver response services, the delivery of services is discharged via contractual agreements. This includes procedures to facilitate aggregation and virtual power plants; and
  - (c) Grid Code requirements for distribution connected storage that is within the scope of the Grid Code; however we will liaise with NGENSO to ensure that DCRPMP/40/05 proposals are appropriately compatible.
4. The workgroup should seek clarification and guidance from the DCRP as necessary and appropriate.
5. The workgroup will consider if a public consultation is required on the issues under its consideration, in accordance with the Constitution and Rules of the DCRP. If so it will:
- (a) Recommend the content and nature of such consultation to the DCRP;
  - (b) Draft the consultation paper; and
  - (c) Receive and analyse the responses.
6. The workgroup will consider all consultation responses including any alternative suggestion that might arise.
7. As appropriate, the workgroup will undertake any further analysis and update the appropriate sections of the proposed changes. All consultation responses including any alternative suggestions shall be included within the final report including a summary of the Workgroup's deliberations and conclusions.
8. The final report conclusions will be presented to a DCRP meeting.

9. On acceptance of the workgroups final report, the Workgroup may also be given the task of writing the DNOs' report to the authority requesting any changes to the Distribution Code and its associated documents.

10. It is recommended that the Workgroup has the following members:

Role	Name	Representing (User nominated)
Chair	Matt White	UKPN
Technical Secretary	Chris McCann	ENA
Member	Alan Creighton	Northern Powergrid
Member	Alastair Shearer	Power on connections
Member	Christopher Artist	Northern Powergrid
Member	Charles Wood	Energy UK
Member	Heng Hui	SSEN
Member	David Hill	NIE
Member	Mark Horrocks	WSP
Member	Paul Graham	UK Power Reserve
Member	Richard Harrison	Clarke Energy
Member	Robert Davis	E.ON
Member	Stephen Sommerville	SPE
Member	Tony Robinson	TVRI
Member	Gill Williamson	ENW
Member	William Cass	Last Mile
Observer	Mike Kay	ENA
Observer	Sarah Carter	Ricardo

11. The workgroup membership can be amended from time to time by the DCRP and the chairman of the workgroup.

### Compliance

1. The Group will at all times comply with the requirements of the 1998 Competition Act and will not deal with any matter which will or is likely to prevent, restrict or distort competition or constitute an abuse of a dominant position as construed within the Act.