

**Grid Code Modifications
Register and Progress
Report on Proposed Grid
Code Modifications to the
Grid Code.**

May 2019

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Document Control

A. National Grid Document Control

| Version | Date | Author | Change Reference |
|---------|------------|-------------------|------------------------------------|
| 1.0 | 07/06/2019 | National Grid ESO | Version submitted to the Authority |

B. Distribution

| Name | Organisation |
|--------------------------------|--------------|
| Grid Code Review Panel Members | Various |
| The Authority | Ofgem |
| Grid Code Mailing List | Various |

C. Document Location

<https://www.nationalgrideso.com/codes/grid-code?mods>

* A number of modifications are with Authority, awaiting decision – please refer to the following link for further information;

https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

1 INTRODUCTION

This Modification Register and Progress Report is prepared in accordance with Governance Rules (PART C GR.13 – GRID CODE MOD REGISTER) respectfully of the GRID CODE and provides, inter alia, details of current GRID CODE Modification Proposals and matters arising during the preceding month regarding the prioritisation and timetabling of GRID CODE Modification Proposals.

2 DETAILS OF GRID CODE MODIFICATION PROPOSALS REFUSED

This section details GRID CODE Modification Proposals refused by the Panel Secretary in accordance with Governance Rules (GR.15.5 (GR.15 - GRID CODE MODIFICATION PROPOSALS)) of the GRID CODE.

- There were no Grid Code Modification Proposals refused in May 2019.

3 NEW GRID CODE MODIFICATION PROPOSALS

- There was 1 new modification raised in May 2019: -
 - GC0129 - Updating references to Engineering Recommendation G5

4 AMALGAMATIONS

This section contains details of any decision of the GRID CODE Review Panel to amalgamate GRID CODE Modification Proposals in accordance with Governance Rules (GR.19.2, GR.19.3 and GR.19.4 (GR.19 PANEL PROCEEDINGS)) of the GRID CODE.

- There were no amalgamations in May 2019.

5 AUTHORITY DECISIONS

This section details any Authority decisions that have been published since the last progress report was published.

There were two Authority Decisions in May 2019.

GC0114 - System Operation Guideline: Prequalification Processes

GC0118 – Modification to the Grid Code to accommodate the recent Distribution Code modification to Engineering Recommendation P28 – *Voltage fluctuations and the connection of disturbing equipment to transmission systems and distribution networks in the United Kingdom*

Note:

Please notify the GRID CODE Team of any minor housekeeping changes required to the GRID CODE by email to grid.code@nationalgrideso.com for addition to the register which, once populated, will form part of future Progress Reports.

* A number of modifications are with Authority, awaiting decision – please refer to the following link for further information;

6 SCHEDULING & TIMETABLES

This section of the Progress Report gives a high level timetable for each GRID CODE Modification Proposal in progress. Where specific milestone dates are known, they will be added; otherwise dates are marked as indicative "(indic.)". Where an indicative Authority Determination date is given, this is based on the date of GRID CODE Modification Report submission plus 25 working days, in line with Ofgem's published commitment to issue decisions on at least 90% of proposed changes within 25 working days. The shaded area shows progress to date, with additions or updates since the last month's report recorded in **red**.

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7 MODIFICATION SUMMARY TABLE

Modifications at Workgroup Stage in GRID CODE Review Panel Prioritisation order:

| GC No | GC Title | 1st GRID CODE Review Panel Meeting | Publish Workgroup Consultation | Workgroup Report to Panel | Publish Code Administrator Consultation | Closing date of Code Administrator Consultation | Date of Panel Vote | Submit GRID CODE Modifications Report to Authority | Authority Determination | Date of Implementation | Comments on changes, slippages and impact on implementation date |
|-------|---|------------------------------------|--------------------------------|---------------------------|---|---|--------------------|--|-------------------------|------------------------|---|
| 0127 | EU Code Restoration – Requirements resulting from System Defence Plan | 25 Apr 2019 | Jul 2019 | 29 Aug 2019 | Aug 2019 | Sep 2019 | 26 Sep 2019 | 11 Oct 2019 | 29 Nov 2019 | 18 Dec 2019 | Although workgroup report to Panel delayed 1 month, still on course to meet 18 Dec 2019 implementation date |
| 0125 | EU Code Emergency & Restoration: Black Start Testing requirements for Interconnectors | 28 Mar 2019 | Jul 2019 | 29 Aug 2019 | Aug 2019 | Sep 2019 | 26 Sep 2019 | 11 Oct 2019 | 29 Nov 2019 | 18 Dec 2019 | Although workgroup report to Panel delayed 1 month, still on course to meet 18 Dec 2019 implementation date |
| 0128 | EU Code Restoration – Requirements resulting from System Restoration Plan | 25 Apr 2019 | Jul 2019 | 29 Aug 2019 | Aug 2019 | Sep 2019 | 26 Sep 2019 | 11 Oct 2019 | 29 Nov 2019 | 18 Dec 2019 | Although workgroup report to Panel delayed 1 month, still on course to meet 18 Dec 2019 implementation date |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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|------|---|--------------|--|--|--|--|--|--|--|--|--|
| 0123 | Clarifying references to NGET and Relevant Transmission Licensees | 28 Mar 2019 | To be confirmed following workgroup 12 June 2019 | To be confirmed following workgroup 12 June 2019 | To be confirmed following workgroup 12 June 2019 | N/A | N/A | N/A | N/A | To be confirmed following workgroup 12 June 2019 | As agreed at Panel 30 May 2019, dates to be confirmed following workgroup 12 June 2019 |
| 0109 | The open, transparent, non-discriminatory and timely publication of the various GB... | 22 Feb 2018 | 3 Dec 2018 | 29 Aug 2019 | Sep 2019 | Sep 2019 | Oct 2019 | Nov 2019 | Dec 2019 | Jan 2020 | On track to meet Panel timetable |
| 0103 | The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes | 27 July 2017 | To be confirmed following next workgroup | To be confirmed following next workgroup | To be confirmed following next workgroup | To be confirmed following next workgroup | To be confirmed following next workgroup | To be confirmed following next workgroup | To be confirmed following next workgroup | To be confirmed following next workgroup | As agreed at Panel 30 May 2019, dates to be confirmed following next workgroup |
| 0107 | PGM specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the RfG' | 15 Nov 2018 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | As agreed at Panel 30 May 2019, dates to be confirmed following workgroup 19 June 2019 |
| 0113 | relevant system operator et al., in accordance with the DCC' | 26 Apr 2018 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | To be confirmed following workgroup 19 June 2019 | |

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|------|--|-------------|--|--|--|--|--|--|--|--|--|
| 0117 | Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements. | 28 Jun 2018 | To be confirmed following workgroup 10 July 2019 | To be confirmed following workgroup 10 July 2019 | To be confirmed following workgroup 10 July 2019 | To be confirmed following workgroup 10 July 2019 | To be confirmed following workgroup 10 July 2019 | To be confirmed following workgroup 10 July 2019 | To be confirmed following workgroup 10 July 2019 | To be confirmed following workgroup 10 July 2019 | As agreed at Panel 30 May 2019, dates to be confirmed following workgroup 10 July 2019 |
| 0105 | System Incidents Reporting | 18 Oct 2017 | 29 Nov 2018 | 29 Aug 2019 | Sep 2019 | Sep 2019 | Oct 2019 | Nov 2019 | Dec 2019 | Jan 2020 | 2-month extension agreed at Panel 30 May 2019 for Workgroup Report to be presented to Panel (27 June 2019 to 29 August 2019). This was due to quoracy issues for the Workgroup to meet |
| 0126 | Implementing Profiled Stable Import and Export Limits, and reversing unimplemented aspects of GC0068 | 28 Mar 2019 | To be confirmed | To be confirmed | To be confirmed | To be confirmed | To be confirmed | To be confirmed | To be confirmed | To be confirmed | As of 30 May 2019, no workgroup formed due to quoracy issues |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

Modifications at Code Administrator Consultation Stage onwards:

| GC No | GC Title | 1st GRID CODE Review Panel Meeting | Publish Workgroup Consultation | Workgroup Report to Panel | Publish Code Administrator Consultation | Closing date of Code Administrator Consultation | Date of Panel Vote | Submit GRID CODE Modifications Report to Authority | Authority Determination | Date of Implementation | Comments on changes, slippages and impact on implementation date |
|-------|--|------------------------------------|--------------------------------|---------------------------|---|---|--------------------|--|-------------------------|------------------------|--|
| 0121 | Grid Code changes in the event the UK leaves the EU without an agreement | 28 Feb 2019 | N/A | N/A | 04 Mar 2019 | 18 Mar 2019 | To be confirmed | To be confirmed | To be confirmed | To be confirmed | Agreed at Panel on 25 April 2019 for this be on hold pending outcome of Brexit |
| 0124 | Critical Friend review period for submission of modifications | 28 Mar 2019 | 5 Apr 2019 | 22 May 2019 | N/A | N/A | 29 May 2019 | N/A | N/A | 15 Jul 2019 | |
| 0111 | Fast Fault Current Injection Specification Text | 26 Apr 2018 | N/A | 28 Mar 2019 | 5 Apr 2019 | 8 May 2019 | 29 May 2019 | N/A | N/A | 15 Jul 2019 | |
| 0096 | Energy Storage | 31 August 2016 | Dec 2018 | 25 Apr 2019 | 10 May 2019 | 10 Jun 2019 | 27 Jun 2019 | Jul 2019 | Aug 2019 | Sep 2019 | |

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Fast Track Modifications:

| GC No | GC Title | 1st GRID CODE Review Panel Meeting | Publish Workgroup Consultation | Workgroup Report to Panel | Publish Code Administrator Consultation | Closing date of Code Administrator Consultation | Date of Panel Vote | Submit GRID CODE Modifications Report to Authority | Authority Determination | Date of Implementation | Comments on changes, slippages and impact on implementation date |
|-------|----------|------------------------------------|--------------------------------|---------------------------|---|---|--------------------|--|-------------------------|------------------------|--|
| - | - | - | - | - | - | - | - | - | - | - | - |

Modifications on hold:

| GC No | GC Title | 1st GRID CODE Review Panel Meeting | Publish Workgroup Consultation | Workgroup Report to Panel | Publish Code Administrator Consultation | Closing date of Code Administrator Consultation | Date of Panel Vote | Submit GRID CODE Modifications Report to Authority | Authority Determination | Date of Implementation | Comments on changes, slippages and impact on implementation date |
|-------|----------|------------------------------------|--------------------------------|---------------------------|---|---|--------------------|--|-------------------------|------------------------|--|
| - | - | - | - | - | - | - | - | - | - | - | - |

* A number of modifications are with Authority, awaiting decision – please refer to the following link for further information;
https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

Modifications with the Authority for decision:

| GC No | GC Title | 1st GRID CODE Review Panel Meeting | Publish Workgroup Consultation | Workgroup Report to Panel | Publish Code Administrator Consultation | Closing date of Code Administrator Consultation | Date of Panel Vote | Submit GRID CODE Modifications Report to Authority | Authority Determination | Date of Implementation | Comments on changes, slippages and impact on implementation date |
|-------|----------|------------------------------------|--------------------------------|---------------------------|---|---|--------------------|--|-------------------------|------------------------|--|
| - | - | - | - | - | - | - | - | - | - | - | - |

Modifications implemented or decision in last three months:

| GC No | GC Title | 1st GRID CODE Review Panel Meeting | Publish Workgroup Consultation | Workgroup Report to Panel | Publish Code Administrator Consultation | Closing date of Code Administrator Consultation | Date of Panel Vote | Submit GRID CODE Modifications Report to Authority | Authority Determination | Date of Implementation | Comments on changes, slippages and impact on implementation date |
|-------|--|------------------------------------|--------------------------------|---------------------------|---|---|--------------------|--|-------------------------|------------------------|--|
| 0112 | 'National Grid Legal Separation Grid Code changes to incorporate NGESO.' | 26 Apr 2018 | TBC | 15 Aug 2018 | 22 Aug 2018 | 12 Sept 2018 | 27 Sept 2018 | 31 Oct 2018 | 3 Dec 2018 | 1 April 2019 | Implemented |
| 0106 | Data Exchange Requirements in accordance with Reg (EU) 2017/1485 (SOGL) | 18 Oct 2017 | 6 Apr 2018 | 22 Nov 2018 | 23 Nov 2018 | 14 Dec 2018 | 19 Dec 2018 | 20 Dec 2018 | 8 Mar 2019 | 14 Mar 2019 | Implemented |

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|------|--|-------------|--------------|-------------|-------------|-------------|-------------|-------------|----------|-------------|--------------------------|
| 0120 | National Grid legal separation changes to clarify Grid Code responsibilities and consequential changes | 28 Feb 2019 | N/A | N/A | 4 Mar 2019 | 25 Mar 2019 | N/A | NA | N/A | 1 Apr 2019 | Implemented 1 April 2019 |
| 0122 | Amending references to NGET and the Company within the Grid Code following previous modifications | 14 Mar 2019 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5 Apr 2019 | Implemented 5 April 2019 |
| 0114 | System Operation Guideline: Prequalification Processes | 16 May 2018 | 17 Sept 2018 | 19 Dec 2018 | 7 Jan 2019 | 28 Jan 2019 | 28 Feb 2019 | 15 Mar 2019 | Apr 2019 | 23 May 2019 | Implemented 23 May 2019 |
| 0118 | Modification to the Grid Code to accommodate the recent Distribution Code modification to Engineering Recommendation P28 –Voltage fluctuations and the connection of disturbing equipment to transmission systems and distribution networks in the UK. | 18 Jul 2018 | N/A | 22 Nov 2018 | 30 Nov 2018 | 21 Dec 2018 | 24 Jan 2019 | Feb 2019 | Apr 2019 | 23 May 2019 | Implemented 23 May 2019 |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

8 GRID CODE MODIFICATION REGISTER AS AT 31 MAY 2019

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|--|---|------------------|---|---------------------------|------------|
| GC0118 | 'Modification to the Grid Code to accommodate the recent Distribution Code modification to Engineering Recommendation P28 –Voltage fluctuations and the connection of disturbing equipment to transmission systems and distribution networks in the UK'. | | | | |
| Proposer | Distribution Network Licensees | Submitted | 18 July 2018 | Submitted Priority | Fast Track |
| <p>The purpose of this modification is to ensure the Grid Code implements the proposed changes as set out in the revised Engineering Recommendation P28 Issue 2 (2018) (subsequently referred to as EREC P28 Issue 2).</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0118-modification-grid-code-accommodate-recent</p> | | | <p>The Modification Proposal was tabled at the Panel in July 2018 and it was determined that the Modification would progress under a Standard Modification route.</p> <p>Workgroup Vote planned for 31 October 2018, following this the report was anticipated to be sent to the Grid Code Review Panel in November 2018.</p> <p>Code Administrator Consultation was issued on 30 November 2018 for 15 days in line with the SQSS Modification and closed on 21 December 2018.</p> <p>Modification brought to the January 2019 Panel for the recommendation vote.</p> <p>Panel Recommendation vote undertaken, FMR to be sent to the Authority for a decision week commencing 4 February 2019.</p> <p>Sent to Authority for a Decision on 22 February 2019.</p> <p>Authority decision received on 9 May 2019.</p> <p>Implemented 23 May 2019.</p> | | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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|--|---|------------------|--------------|---|--------|
| GC0117 | 'Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements'. | | | | |
| Proposer | SSE Generation Ltd | Submitted | 20 June 2018 | Submitted Priority | Normal |
| <p>The modification will set out within the Grid Code the common GB obligations in the EU Connection Codes as they relate to the specification of certain items by certain obligated party or parties.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0117-improving-transparency-and-consistency-access</p> | | | | <ul style="list-style-type: none"> • Workgroup nominations closed 23 July 2018. • Workgroup meeting held in October 2018, the outcome being for Code Administrator to create the impact assessment for the Grid Code Review Panel on how the modification is expected to impact the Industry. • Off track to meet Workgroup report due to Panel February 2019. • As agreed at Panel 30 May 2019, future dates to be confirmed following workgroup 10 July 2019. | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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| GC0114 | 'System Operation Guideline: Prequalification Processes.' | | | | |
| Proposer | National Grid | Submitted | 8 May 2018 | Submitted Priority | Normal |
| <p>The EU System Operation Guideline (SOGL) requires NGET to develop prequalification processes for Frequency Containment (FCR), Restoration (FRR) and Replacement Reserves (RR). In line with stakeholder feedback NGET proposes to develop these new processes under the established governance of the Grid Code.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0114-system-operation-guideline-prequalification</p> | | | <ul style="list-style-type: none"> The Modification Proposal was tabled at the Panel in May 2018 and it was determined that the Modification would progress under a Standard Modification route. Workgroup Nomination window opened 21 May 2018 and closed 4 June 2018. New expressions of interest in the Workgroup were received following communications from Open Networks and Power Responsive Associations The initial Workgroup was held on 6 June 2018. At the Grid Code Panel meeting held on 17 October 2018, the Panel approved an interim extension until December 2018 to allow the Workgroup to create an updated timeline for this modification. The next Workgroup meeting was held on 30 October 2018. Workgroup meeting held on 5 December 2018 to confirm the legal text and look to undertake the Workgroup Vote. DFMR was presented to the GCRP Panel in February 2019. Workgroup consultation took place, 10 responses received, one alternative (WAGCMs) was proposed by a Panel Member. The Workgroup concluded by majority that WAGCM 1 best facilitates the Grid Code objectives and should be implemented. Sent to the Authority 15 March 2019 for decision. Authority decision received 9 May 2019. Implemented 23 May 2019. | | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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|---|--|------------------|--|---------------------------|--------|
| GC0111 | 'Fast Fault Current Injection specification text'. | | | | |
| Proposer | Electricity North West | Submitted | 18 April 2018 | Submitted Priority | Normal |
| <p>This proposal seeks to update the Grid Code and G99 with revised text for fast fault current injection to dispel any confusion in interpretation of the existing text.</p> <p>Further information on this Modification can be found using the following link;</p> <p>https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0111-fast-fault-current-injection-specification-text</p> | | | <ul style="list-style-type: none"> • The Modification Proposal was tabled at the Panel in April 2018 and it was determined that the Modification would progress under a Standard Modification route. • Workgroup Nominations closed 21 May 2018. • Distribution Code Administrator chaired workgroup meetings. • First Workgroup held on 4 July 2018. • Workgroup Report was to be submitted to Panel in September ahead of Code Administrator Consultation but due to the technical complexity of the drafted legal text, a three-month extension agreed at the November Panel. • Workgroup Report was due 28 February 2019 but was delayed by 1 month. • Workgroup Vote took place at 28 March Panel meeting. • Code Administrator Consultation opened 5 April 2019 and closed on 8 May 2019. • Draft Final Modification Report presented to Panel 30 May 2019 – Panel unanimously determined that this Modification should be implemented. • Appeal window will open for 15 working day from 7 June 2019 - 28 June 2019 • Decision implemented in Grid Code (10 working days following appeal window closure) 15 July 2019 | | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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| GC0109 | 'The open, transparent, non-discriminatory and timely publication of the various GB electricity Warnings or Notices or Alerts or Declarations or Instructions or Directions etc., issued by or to the Network Operator(s)'. | | | | |
| Proposer | SSE Generation Ltd | Submitted | 14 February 2018 | Submitted Priority | Normal |
| <p>This modification will set out within the Grid Code the obligation on Network Operators to make available to market participants, in real time, all the types of Warnings etc., issued (including whether they 'activate' or 'deactivate' an action) so that market participants have a 'one stop shop' to find this information, in a user-friendly format.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0109-open-transparent-non-discriminatory-and-timely</p> | | | <ul style="list-style-type: none"> • First Workgroup was held on 19 July 2018. • Decision on urgency was due to be received by the end of July 2018. • 2nd Workgroup Meeting was held on 1 August 2018 • Decision made by the Authority as not urgent on 13th August 2018. • Following the November Grid Code Review Panel, an extension was agreed to bring the Workgroup Report back in February 2019. • Workgroup meeting 6 February to discuss a future timeline for this modification • Workgroup met in March 2019 to further develop the modification and undertake Workgroup Consultation. • Panel agreed to extension request (due to quoracy issues) to present Workgroup Report to August 2019 by email in February 2019. | | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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|--|--------------------|---|---|---------------|--------------------|--------|--------|
| GC0107 | | ‘The open, transparent, non-discriminatory and timely publication of the generic and/ or PGM specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the RfG’. | | | | | |
| GC0113 | | ‘The open, transparent, non-discriminatory and timely publication of the generic and/ user specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the DCC’ | | | | | |
| Proposer | SSE Generation Ltd | Submitted | GC0107 | 7 Nov 2017 | Submitted Priority | GC0107 | Normal |
| | | | GC0113 | 18 April 2018 | | GC0113 | Normal |
| This modification will set out within the Grid Code the obligations in the EU Connection Codes as they relate to the specification of certain items by certain obligated party or parties. Further information on these Modifications can be found using the following links; GC0107: https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0107-open-transparent-non-discriminatory-and-timely GC0113: https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0113-open-transparent-non-discriminatory-and-timely | | | <ul style="list-style-type: none">1st workgroup 5 December 2018Did not meet the original Panel timeline for the Workgroup Report (February 2019).2nd workgroup scheduled for 6 February 2019 but cancelled due to proposer’s availability.Workgroup met on 15 March 2019, 10 April 2019 and 13 May 2019 to further progress the workgroup report.Workgroup Report was due back to Panel on 27 June 2019 but due to the complexity of the modification it was agreed at Panel 30 May 2019 that dates would be confirmed following workgroup 19 June 2019 at which workgroup report and legal text will be discussed as well. | | | | |

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|---|-------------------------------|------------------|--|---------------------------|--------|
| GC0105 | 'System Incidents Reporting'. | | | | |
| Proposer | Element Power | Submitted | 10 October 2017 | Submitted Priority | Normal |
| <p>The Grid Code Panel has previously received an annual report from National Grid indicating system incidents and reporting on links losses of load or generation on transmission and/or distribution networks. This report is important to industry and the Grid Code Panel to monitor the effectiveness of technical requirements in the Grid Code and Distribution Code.</p> <p>Further information on this Modification can be found using the following link here</p> | | | <ul style="list-style-type: none"> • The Modification Proposal was tabled at the Panel in October 2017. Following further analysis in December, Grid Code Review Panel in December determined that the Modification would progress under a Standard Modification route. • Two Workgroup meetings held on 22 February 2018 and 16 March 2018 • Workgroup Consultation opened on 29 November 2018, the consultation closed on the 21 December 2018. • Off track to meet the current Panel timetable in relation to the Workgroup Report to Panel. This was due to late delivery of actions. Further extension requested due to quoracy issues to allow Workgroup to undertake Workgroup vote. • 2-month extension agreed at Panel 30 May 2019 for Workgroup Report to be presented to Panel (27 June 2019 to 29 August 2019). This was due to quoracy issues for the Workgroup to meet. | | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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|--|---|------------------|--------------|---|--------|
| GC0103 | 'The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes'. | | | | |
| Proposer | SSE Generation Ltd | Submitted | 21 July 2017 | Submitted Priority | Normal |
| <p>This modification will set out within the Grid Code the compliance obligations in the EU Connection Codes as they relate to Electrical Standards.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0103-introduction-harmonised-applicable-electrical</p> | | | | <ul style="list-style-type: none"> • The Modification Proposal was discussed at a Special GCRP meeting on 27 July 2017. A decision was made that this Modification would progress as a standard modification. • Workgroup Report was to be submitted to the Grid Code Review Panel in December 2018 but was extended to 30 July 2019 • Last workgroup meeting held 17 May 2019 where clear that due to complexity the workgroup need more time to progress their actions. • Workgroup Report to Panel originally due 30 July 2019. However as agreed at Panel 30 May 2019, dates to be confirmed following next workgroup which has yet to be arranged. | |

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|--|-------------------|------------------|--|---------------------------|--------|
| GC0096 | 'Energy Storage'. | | | | |
| Proposer | National Grid | Submitted | 31 August 2016 | Submitted Priority | Normal |
| <p>This proposal seeks to modify the Grid Code to define the appropriate technical requirements for Storage technologies connecting to the Transmission system and associated changes to the Grid Code requirements for making a connection.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrid.com/uk/electricity/codes/grid-code/modifications/gc0096-energy-storage</p> | | | <ul style="list-style-type: none"> • The Modification Proposal was proposed at the Panel on 31 August 2016 where the Grid Code Review Panel determined that the Modification would progress to a Workgroup. • Two workshops were held with interested parties to define proposal in August 2016. • 1st workgroup meeting January 2017. • At the workgroup meeting in January 2018 it was agreed that legal text baseline needed to be taken from Requirements for Generators modifications GC0100-102 once these were approved (May 2018). • Revised legal text was presented at the workgroup meeting on 26 July 2018. • Extension was accepted by Panel for November 2018, due to the legal text review being planned at the end of October 2018. • A Workgroup meeting was held on 24 October 2018 for the Workgroup to review the draft legal text. • At the November Grid Code Review Panel, an extension timeline was agreed to bring the Workgroup Report back in March 2019. • One month extension requested of the Panel to improve the quality of the Workgroup report and extension granted accordingly. • Code Administrator Consultation opened on 10 May 2019 and closes 10 June 2019. | | |

* A number of modifications are with Authority, awaiting decision – please refer to the following link for further information;
https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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| GC0121 | Grid Code changes in the event the UK leaves the EU without an agreement | | | | |
| Proposer | National Grid | Submitted | 20 February 2019 | Submitted Priority | Self-Governance |
| <p>The proposed modification aims to ensure that retained EU law will function effectively in the context of the Grid Code. In the event the United Kingdom leaves the European Union without an agreement ('no-deal'), it will ensure that the Grid Code takes into account the provisions in the relevant Statutory Instruments that have been prepared under the European Union (Withdrawal) Act 2018 as well as relevant consequential</p> <p>https://www.nationalgrideso.com/codes/grid-code/modifications/grid-code-changes-event-uk-leaves-eu-without-agreement</p> | | | <ul style="list-style-type: none"> The Modification Proposal was proposed at the Panel on 28 February 2019 where the Grid Code Review Panel determined that the Modification will follow the process of Self-Governance to Code Administration Consultation on 4 March 2019 following the timetable below. Code Administrator Consultation issued (10 working days) 4 March 2019 and closed 18 March 2019. Implementation was expected 24 April 2019 – however due to uncertainty on Brexit, it was agreed at 25 April 2019 Panel that once Draft Final Modification Report is published it must go to the next Panel meeting for vote. Therefore, it is intended that the modification be put on hold until such time as it may be required to progress. | | |

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| GC0123 | Clarifying references to NGET and Relevant Transmission Licensees | | | | |
| Proposer | National Grid | Submitted | Mar 2019 | Submitted Priority | <ul style="list-style-type: none"> • subject to self-governance • assessed by a Workgroup meeting, if the Panel wishes, to go through the changes proposed |
| <p>Following the approval of GC0122 by the Panel as fast-track self-governance in March 2019, this modification is being raised to clarify to user's certain functions performed by the Relevant Transmission Licensees as within the scope addressed by GC0122 and also to make other minor corrections indicated by the Panel.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrideso.com/codes/grid-code/modifications/gc0123-clarifying-references-nget-and-relevant-transmission-licensees</p> | | | | <ul style="list-style-type: none"> • The Modification Proposal was proposed at the Panel on 28 March 2019 where the Grid Code Review Panel determined that the Modification will progress as self-governance • 1st workgroup meeting 12 June 2019 at which timeline for workgroup to follow will be agreed. | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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| GC0124 | Critical Friend review period for submission of new modifications | | | | |
| Proposer | National Grid | Submitted | 20 March 2019 | Submitted Priority | <ul style="list-style-type: none"> • subject to self-governance • proceed to Consultation |
| <p>This modification seeks to codify a requirement for new modifications to be submitted to the National Grid ESO Code Administrator for a period of five working days ahead of when the modification is to be submitted to the Grid Code Panel. This period will allow the Code Administrator to deliver a better service and in turn allow all network users to better understand code modifications.</p> <p>Further information on this Modification can be found using the following link;</p> <p>https://www.nationalgrideso.com/codes/grid-code/modifications/gc0124-critical-friend-review-period-submission-new-modifications</p> | | | | <ul style="list-style-type: none"> • The Modification Proposal was tabled at the Panel in 28 March 2019 and it was determined that the Modification would progress under self-governance • Code Administration Consultation issued to the Industry (20 working days) 5 April 2019 - 8 May 2019 • Draft Final Modification Report presented to Panel 30 May 2019 – Panel unanimously determined that this Modification should be implemented. • Appeal window will open for 15 working day from 7 June 2019 - 28 June 2019 • Decision implemented in Grid Code (10 working days following appeal window closure) 15 July 2019 | |

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| GC0125 | EU Code Emergency & Restoration: Black Start testing requirements for Interconnectors | | | | |
| Proposer | National Grid | Submitted | 20 March 2019 | Submitted Priority | Standard Governance route |
| <p>This modification seeks to align the GB Grid Code with the European Emergency and Restoration Code, specifically in relation to Black Start testing for Interconnectors.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrideso.com/codes/grid-code/modifications/gc0125-eu-code-emergency-restoration-black-start-testing-requirements</p> | | | | <ul style="list-style-type: none"> The Modification Proposal was tabled at the Panel in 28 March 2019 and it was determined that the Modification would progress to a workgroup. Informal meeting held 9 May, 1st Workgroup meeting held 3 June; 2nd Workgroup meeting to be held 13 June and Workgroup consultation to be issued 14 June. Workgroup Report to be submitted to Panel 30 July 2019 but agreed at Panel on 30 May 2019 that this will be delayed to August 2019. However, still on course to to meet rest of timetable. Modification Panel recommendation vote on 26 September 2019 Final Modification Report to be submitted to the Authority for a decision for 35 working days on 11 October 2019 Authority Decision expected 29 November 2019 Implementation within the Grid Code 18 December 2019 | |

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https://www.ofgem.gov.uk/system/files/docs/2018/06/indicative_decision_dates_for_modification_with_ofgem.pdf

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| GC0126 | Implementing Profiled Stable Import and Export Limits, and reversing unimplemented aspects of GC0068 | | | | |
| Proposer | National Grid | Submitted | 20 March 2019 | Submitted Priority | <ul style="list-style-type: none"> • subject to self-governance • proceed to Consultation |
| <p>This modification aims to progress the Profiled Stable Import and Export Limits identified in the Cost Benefit Analysis carried out on BSC P297 and GC0068.</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrideso.com/codes/grid-code/modifications/gc0126-implementing-profiled-stable-import-and-export-limits-and </p> | | | | <ul style="list-style-type: none"> • The Modification Proposal was tabled at the Panel in 28 March 2019 and it was determined that the Modification would progress to a workgroup • GC0126 has failed to reach quoracy during the nomination window and a 2nd request for nominations. Agreed at May Panel to try alternative avenues to drum up support to form workgroup. Timeline will be agreed at 1st workgroup | |

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| GC0127 | EU Code Restoration – Requirements resulting from System Defence Plan | | | | |
| Proposer | National Grid | Submitted | 15 April 2019 | Submitted Priority | <ul style="list-style-type: none"> Standard Governance route |
| <p>This modification seeks to align the GB Grid Code with the European Emergency and Restoration Code, specifically in relation to requirements resulting from the System Defence Plan (SDP).</p> <p>Further information on this Modification can be found using the following link;</p> <p>https://www.nationalgrideso.com/codes/grid-code/modifications/gc0127-eu-code-emergency-restoration-requirements-resulting-system</p> | | | | <ul style="list-style-type: none"> The Modification Proposal was tabled at the Panel in 25 April 2019 and it was determined that the Modification would progress to a workgroup 1st workgroup meeting 29 May 2019; further workgroup meetings scheduled for 13 June, 2 and 3 July after which intention is to issue workgroup consultation. Workgroup Report to be submitted to Panel 30 July 2019 but agreed at Panel on 30 May 2019 that this will be delayed to August 2019. However, still on course to to meet rest of timetable. Modification Panel recommendation vote on 26 September 2019 Final Modification Report to be submitted to the Authority for a decision for 35 working days on 11 October 2019 Authority Decision expected 29 November 2019 Implementation within the Grid Code 18 December 2019 | |

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| GC0128 | EU Code Emergency and Restoration – requirements resulting from System Restoration Plan | | | | |
| Proposer | National Grid | Submitted | 15 April 2019 | Submitted Priority | <ul style="list-style-type: none"> Standard Governance route |
| <p>This modification seeks to align the GB Grid Code with the European Emergency and Restoration Code, specifically in relation to requirements resulting from the System Restoration Plan (SRP).</p> <p>Further information on this Modification can be found using the following link; https://www.nationalgrideso.com/codes/grid-code/modifications/gc0128-eu-code-emergency-restoration-requirements-resulting-system</p> | | | | <ul style="list-style-type: none"> The Modification Proposal was tabled at the Panel in 25 April 2019 and it was determined that the Modification would progress to a workgroup 1st workgroup meeting 29 May 2019; further workgroup meetings scheduled for 13 June, 2 and 3 July after which intention is to issue workgroup consultation. Workgroup Report to be submitted to Panel 30 July 2019 but agreed at Panel on 30 May 2019 that this will be delayed to August 2019. However, still on course to to meet rest of timetable. Modification Panel recommendation vote on 26 September 2019 Final Modification Report to be submitted to the Authority for a decision for 35 working days on 11 October 2019 Authority Decision expected 29 November 2019 Implementation within the Grid Code 18 December 2019 | |

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