

Grid Code Alternative Form

GC0148 Alternative 2:

Implementation of EU Emergency and Restoration Code Phase II – Article 40

Overview: Ensuring the Original complies with Article 40 of ERNC other than in respect of the retention of “*Normal*” and “*Alert*” States in the definition of *GB NETS System State*.

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What is the proposed alternative solution?

The proposed Alternative is exactly the same as WAGCM1 other than in respect that the definition of “*GB NETS System State*” includes both “*Normal*” and “*Alert*” States.

The ESO believe this is necessary so it is clear what “State” the System is in, bearing in mind that for the majority of the time the System would be in a “*Normal*” state and there needs to be a clear distinction of when the System moves from an “*Emergency*”, “*Blackout*” or “*Restoration*” state to a “*Normal*” or “*Alert*” state.

To be clear, this WAGCM2, still only covers reporting associated with “*Emergency*”, “*Blackout*” and “*Restoration*” states as per WAGCM1 other than in respect of the definition of *GB NETS System State* so it is clear other states exist even though they will not be reported upon as initially proposed through Grid Code modification GC0133.

What is the difference between this and the Original Proposal?

As detailed in WAGCM1 and as above, it is as per the Original but reflecting the requirements of Article 40 (2) – (4) in terms of the exchange of operationally necessary information by the ESO to stakeholders. As noted above the only difference between this WAGCM2 and WAGCM1 is the addition of “*Normal*” and “*Alert*” states in the definition of “*GB NETS System State*”.

What is the impact of this change?

Proposer’s Assessment against Grid Code Objectives	
Relevant Objective	Identified impact
(a) To permit the development, maintenance and operation of an efficient, coordinated and economical system for the transmission of electricity	Neutral
(b) Facilitating effective competition in the generation and supply of electricity (and without limiting the foregoing, to facilitate the national electricity transmission system being made available to persons authorised to supply or generate electricity on terms which neither prevent nor restrict competition in the supply or generation of electricity);	Neutral
(c) Subject to sub-paragraphs (i) and (ii), to promote the security and efficiency of the electricity generation, transmission and distribution systems in the national electricity transmission system operator area taken as a whole;	Neutral
(d) To efficiently discharge the obligations imposed upon the licensee by this license and to comply with the Electricity Regulation and any relevant legally binding	Positive Positive impact as it ensures legal compliance by the ESO of its duties

decisions of the European Commission and/or the Agency; and	in a reasonable, efficient and proportionate manner whilst also ensuring the operational necessity of information exchange is achieved. It also makes it clear that there are other System States other than <i>Emergency, Blackout and Restoration</i> .
(e) To promote efficiency in the implementation and administration of the Grid Code arrangements	Neutral

When will this change take place?

Implementation date:

Same as the Original.

Implementation approach:

Same as the Original.

Acronyms, key terms and reference material

Acronym / key term	Meaning
ESO	National Grid Electricity System Operator
WAGCM	Workgroup Alternative Grid Code Modification

Any Other Reference material:

None