

# OPERATING CODE NO. 4

(OC4)

## REAL TIME REPORTING OF GB NETS SYSTEM STATE AND OTHER OPERATIONAL INFORMATION IN EMERGENCY OR BLACKOUT OR RESTORATION SITUATIONS

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#### OC4.1 INTRODUCTION

Operating Code No.4 ("OC4") is concerned with the real time reporting to stakeholders, by The Company, of the GB NETS System State and other relevant operational information in emergency, blackout or restoration state.

The possible GB NETS System States are defined within Retained EU Law (Commission Regulation (EU) 2017/1485 "System Operation Guideline". The GB NETS System State is monitored and determined by The Company in accordance with that regulation.

#### OC4.2 OBJECTIVES

The objective of OC4 is to require the real time reporting to stakeholders of the GB NETS System State and other relevant operational information in emergency, blackout or restoration states by The Company.

#### OC4.3 NOT USED

#### OC4.4 REPORTING OF THE GB NETS SYSTEM STATE

OC4.4.1 The Company shall inform at least the following stakeholders of the GB NETS System State in emergency, blackout or restoration states:

(i) Network Operators with a direct connection to the Transmission System;

(ii) Defence Service Providers;

(iii) Parties identified in Appendix A of the System Restoration Plan as SGUs and to Restoration Service Providers; and

(iv) The Authority,

OC4.4.2 The Company shall ensure that any changes to the GB NETS System State either entering or leaving the 'emergency', 'blackout' or 'restoration' states are reported to stakeholders without undue delay following a change in state.

OC4.4.2 The format of such a message will include, but is not limited to, the current GB NETS System State and the time at which the change in the state took place.

OC4.4.3 The reporting of the GB NETS System State will be carried out by means of messages inputted by The Company to the system warnings webpage of the Balancing Mechanism Reporting Service (BMRS).

#### OC4.5 REPORTING OF OPERATIONAL INFORMATION ONLY RELEVANT TO NETWORK OPERATORS

OC4.5.1 During the emergency, blackout or restoration states, The Company shall ensure that at least the following items of information are reported to Network Operators without undue delay:

(i) the limits of Active Power and Reactive Power, block loading to be made available, transformer tap and circuit breaker position at Connection Points;

(ii) the information on the current and planned status of User's Plant and Apparatus connected to the Network Operator's System where that information is available to The Company; and

(iii) all necessary information that may require the Network Operator to co-ordinate with an Embedded User(s).

#### OC4.6 REPORTING OF OPERATIONAL INFORMATION RELEVANT TO DEFENCE SERVICE PROVIDERS

OC4.6.1 During the emergency, blackout or restoration states, **The Company** shall ensure that at least the following information is reported to **Defence Service Providers** as soon as is reasonably practicable and without undue delay:

(i) information regarding the scheduled measures that require participation of **Defence Service Providers**:

OC4.7 REPORTING OF OPERATIONAL INFORMATION RELEVANT TO NETWORK OPERATORS, USER AND RESTORATION SERVICE PROVIDERS

OC4.7.1 During the emergency, blackout or restoration states, **The Company** shall ensure that at least the following items of information are reported to **Network Operators**, SGUs as defined in Appendix A of the **System Restoration Plan** and **Restoration Service Providers** as soon as is reasonably practicable and without undue delay:

(i) the ability and plans to re-energise parts of the **Total System** in accordance with the requirements of OC9-; and

(ii) the scheduled measures that require their participation.

OC4.8 REPORTING OF THE COMPANY AND TRANSMISSION LICENSEE ONLY RELEVANT OPERATIONAL INFORMATION

OC4.8.1 When the **GB NETS System State** is in either an emergency, blackout or restoration state, **The Company** shall ensure that at least the following items of information are reported to **Transmission Licensees** as soon as is reasonably practicable and without undue delay:

(i) the circumstances that led to the current system state of the **Transmission System**, to the extent that they are known; and

(ii) the potential problems requiring assistance for **Active Power** necessary.

OC4.9 REPORTING OF OPERATIONAL INFORMATION RELEVANT TO THE AUTHORITY

OC4.9.1 When the **GB NETS System State** is in either an emergency, blackout or restoration state, **The Company** shall ensure that relevant information is reported to **The Authority** without undue delay.

< END OF OPERATING CODE NO. 4 >

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