

OPERATING CODE NO. 11

(OC11)

NUMBERING AND NOMENCLATURE OF HIGH VOLTAGE APPARATUS AT CERTAIN SITES

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OC11.1 INTRODUCTION

OC11.1.1 **Operating Code No.11** ("OC11") sets out the requirement that:

- (a) **Transmission HV Apparatus** on **Users' Sites**; and
- (b) **User HV Apparatus** on **Transmission Sites**; and
- (c) **OTSDUW HV Apparatus** on both **User's Sites** and the **Transmission Sites**;

shall have numbering and nomenclature in accordance with the system ~~as notified used~~ from time to time by **NGETNGESO**.

OC11.1.2 The numbering and nomenclature (if required under the system of numbering and nomenclature ~~used as notified~~ from time to time by **NGETNGESO**) of each item of **HV Apparatus** shall be included in the **Operation Diagram** prepared for each **Transmission Site** or **User Site**, as the case may be. Further provisions on **Operation Diagrams** are contained in the **Connection Conditions** and in each **Bilateral Agreement**.

OC11.1.3 In **OC11** the term "**HV Apparatus**" includes any **SF₆ Gas Zones** associated with any **HV Apparatus**.

OC11.1.4 In **OC11** the term "**OTSDUW HV Apparatus**" applies to any **HV Apparatus** installed by a **User** as **OTSDUW** until it is accepted on to the **National Electricity Transmission System** at which time for the purposes of **OC11** it will be termed **Transmission HV Apparatus**.

OC11.2 OBJECTIVE

OC11.2.1 The overall objective of **OC11** is to ensure, so far as possible, the safe and effective operation of the **Total System** and to reduce the risk of human error faults by requiring, in certain circumstances, that the numbering and nomenclature of **User's HV Apparatus** and **OTSDUW HV Apparatus** shall be in accordance with the system ~~as notified used~~ from time to time by **NGETNGESO**.

OC11.3 SCOPE

OC11.3.1 **OC11** applies to **NGETNGESO** and to **Users**, which in **OC11** means:-

- (a) **Generators**;
- (b) **Generators** undertaking **OTSDUW**;
- (c) **Network Operators**;
- (d) **Non-Embedded Customers**; and
- (e) **DC Converter Station** owners.

OC11.4 PROCEDURE

OC11.4.1.1 The term "**User Site**" means a site owned (or occupied pursuant to a lease, licence or other agreement) by a **User** in which there is a **Connection Point** (and in the case of **OTSDUW**, where there is a **Connection Point** or an **Interface Point**). For the avoidance of doubt, where a site is owned by **NGET (in England and Wales)** or a **Relevant Transmission Licensee (in Scotland or Offshore)** but occupied by a **User** (as aforesaid), the site is a **User Site**.

OC11.4.1.2 The term "**Transmission Site**" means a site owned (or occupied pursuant to a lease, licence or other agreement) by **NGET (in England and Wales)** or by a **Relevant Transmission Licensee (in Scotland or Offshore)** in which there is a **Connection Point** (or in the case of **OTSDUW**, an **Interface Point**). For the avoidance of doubt, where a site is owned by a **User** but occupied by **NGET (in England and Wales)** or a **Relevant Transmission Licensee (in Scotland or Offshore)** (as aforesaid), the site is an **Transmission Site**.

Comment [A1]: Rewording recognises separation and consistent with approach at OC11.4.2

OC11.4.2 Transmission HV Apparatus Or OTSDUW HV Apparatus On Users' Sites

- (a) **Transmission HV Apparatus** or **OTSDUW HV Apparatus** on **Users' Sites** shall have numbering and nomenclature in accordance with the system [used as notified](#) from time to time by [NGETNGESO](#);
- (b) when [NGET \(for sites in England and Wales\)](#) or the **Relevant Transmission Licensee (for sites in Scotland or Offshore)** is to install its **HV Apparatus** on a **User's Site**, [NGET NGESO](#) shall (unless it gives rise to a **Modification** under the **CUSC**, in which case the provisions of the **CUSC** as to the timing apply) notify the relevant **User** of the numbering and nomenclature to be adopted for that **HV Apparatus** at least eight months prior to proposed installation. When **OTSDUW HV Apparatus is to be installed on a User's Site** [NGET-NGESO](#) shall notify the relevant **User** of the numbering and nomenclature to be adopted for that **OTSDUW HV Apparatus** at least eight months prior to proposed installation;
- (c) in the case of **HV Apparatus**, the notification will be made in writing to the relevant **User** and will consist of both a proposed **Operation Diagram** incorporating the proposed new **Transmission HV Apparatus** to be installed, its proposed numbering and nomenclature, and the date of its proposed installation. In the case of **OTSDUW HV Apparatus**, the notification will be provided as part of the **OTSDUW Network Data and Information**;
- (d) the relevant **User** will respond in writing to [NGET-NGESO](#) within one month of the receipt of the notification, confirming receipt and confirming either that any other **HV Apparatus** of the relevant **User** on such **User Site** does not have numbering and/or nomenclature which could be confused with that proposed by [NGETNGESO](#), or, to the extent that it does, that the relevant other numbering and/or nomenclature will be changed before installation of the **Transmission HV Apparatus** or **OTSDUW HV Apparatus**;
- (e) the relevant **User** will not install, or permit the installation of, any **HV Apparatus**, including **OTSDUW HV Apparatus** on such **User Site** which has numbering and/or nomenclature which could be confused with **Transmission HV Apparatus** which is either already on that **User Site** or which [NGET-NGESO](#) has notified that **User** will be installed on that **User Site**.

OC11.4.3 User HV Apparatus Or OTSDUW HV Apparatus On Transmission Sites

- (a) **User HV Apparatus** and any **OTSDUW HV Apparatus** on **Transmission Sites** shall have numbering and nomenclature in accordance with the system [used as notified](#) from time to time by [NGETNGESO](#);
- (b) when a **User** is to install its **HV Apparatus** on an **Transmission Site**, or it wishes to replace existing **HV Apparatus** on an **Transmission Site** and it wishes to adopt new numbering and nomenclature for such **HV Apparatus**, the **User** shall (unless it gives rise to a **Modification** under the **CUSC** in which case the provisions of the **CUSC** as to the timing apply) notify [NGET-NGESO](#) of the details of the **HV Apparatus** and the proposed numbering and nomenclature to be adopted for that **HV Apparatus**, at least eight months prior to proposed installation;
- (c) the notification will be made in writing to [NGET-NGESO](#) and shall consist of both a proposed **Operation Diagram** incorporating the proposed new **HV Apparatus** of the **User** to be installed, its proposed numbering and nomenclature, and the date of its proposed installation;
- (d) [NGET-NGESO](#) will respond in writing to the **User** within one month of the receipt of the notification stating whether or not [NGET-NGESO](#) accepts the **User's** proposed numbering and nomenclature and, if they are not acceptable, it shall give details of the numbering and nomenclature which the **User** shall adopt for that **HV Apparatus**;

- (e) when a **User** is to install **OTSDUW HV Apparatus** on a **Transmission Site**, **NGET NGESO** notify the relevant **User** of the numbering and nomenclature to be adopted for that **HV Apparatus** at least eight months prior to proposed installation. This notification will be provided as part of the **OTSDUW Network Data and Information**.

OC11.4.4 Changes

Where **NGET-NGESO** in its reasonable opinion has decided that it needs to change the existing numbering or nomenclature of **Transmission HV Apparatus** on a **User's Site** or of **User's HV Apparatus** on an **Transmission Site**:

- (a) the provisions of paragraph OC11.4.2 shall apply to such change of numbering or nomenclature of **Transmission HV Apparatus** with any necessary amendments to those provisions to reflect that only a change is being made; and
- (b) in the case of a change in the numbering or nomenclature of **User's HV Apparatus** on an **Transmission Site**, **NGET-NGESO** will (unless it gives rise to a **Modification** under the **CUSC**, in which case the provisions of the **CUSC** as to the timing apply) notify the **User** of the numbering and/or nomenclature the **User** shall adopt for that **HV Apparatus** (the notification to be in a form similar to that envisaged under OC11.4.2) at least eight months prior to the change being needed and the **User** will respond in writing to **NGET NGESO** within one month of the receipt of the notification, confirming receipt.

In either case the notification shall indicate the reason for the proposed change.

OC11.4.5 Upon request Users will be provided by NGESO upon request with details of NGET's the then current numbering and nomenclature system in order to assist them in planning the numbering and nomenclature for their HV Apparatus or OTSDUW HV Apparatus on Transmission Sites and OTSDUW HV Apparatus on User's Sites.

OC11.4.6 When a **User** installs **HV Apparatus** or **OTSDUW HV Apparatus** which is the subject of **OC11**, the **User** shall be responsible for the provision and erection of clear and unambiguous labelling showing the numbering and nomenclature. Where a **User** is required by **OC11** to change the numbering and/or nomenclature of **HV Apparatus** which is the subject of **OC11**, the **User** will be responsible for the provision and erection of clear and unambiguous labelling by the required date.

When either **NGET (for sites in England and Wales)**, or a **Relevant Transmission Licensee (for sites in Scotland or Offshore)** installs **HV Apparatus** which is the subject of **OC11**, **NGET-NGESO** shall be responsible for the provision and erection of a clear and unambiguous labelling showing the numbering and nomenclature. Where **NGET-NGESO** changes the numbering and /or nomenclature of **HV Apparatus** which is the subject of **OC11**, **NGET-NGESO** will be responsible for the provision and erection of clear and unambiguous labelling showing the numbering and nomenclature by the required date.

OC11.4.7 For sites in England and Wales, **NGET-NGESO** will not change its system of numbering and nomenclature in use immediately prior to the **Transfer Date** (which is embodied in OM5 (Operation Memorandum No.5 - Numbering and Nomenclature of HV Apparatus on the CEGB Grid System Issue 3 June 1987)), other than to reflect new or newly adopted technology or **HV Apparatus**. For the avoidance of doubt, this OC11.4.7 refers to the system of numbering and nomenclature, and does not preclude changes to the numbering and/or nomenclature of **HV Apparatus** which are necessary to reflect newly installed **HV Apparatus**, or re-configuration of **HV Apparatus** installed, and similar changes being made in accordance with that system of numbering and nomenclature.

< END OF OPERATING CODE NO. 11 >