



Operating Code OC8 – Numbering and Nomenclature of HV Plant

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Operating Code OC8 – Numbering and Nomenclature of High Voltage Plant

OC8.1 Introduction

Operating Code OC8 - Numbering and nomenclature of High Voltage (HV) Plant - sets out the requirements for the numbering and nomenclature of;

- OETC HV Plant on OETC Sites;
- OETC HV Plant on User's Sites; and
- User HV Plant on OETC Sites.

OC8 requires the numbering and nomenclature of Users' HV Plant to be distinguishable and different from the numbering and nomenclature of HV Plant used by OETC.

OC8.2 Objective

The objectives of OC8 are as follows;

- to provide for the application of consistent and distinct numbering and nomenclature of HV Plant to ensure that User's Plant at a Connection Point or a Supply Point cannot be confused with OETC Plant; and
- to reduce the risk of incidents and events attributable to human error regarding the identification of HV Plant.

OC8.3 Scope

In addition to OETC, OC8 applies to the following Users;

- Power Producers;
- Licensed Distributors;
- Directly Connected Consumers;
- Internally Interconnected Parties;
- International Interconnected Parties; and
- RAEC if Connected to the Total System

OC8.4 Terms

For the purposes of this section of the Grid Code, 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
- **OETC Site** means a site owned (or occupied pursuant to a lease, licence or other agreement) by OETC in which there may be a Connection Point.



OC8.5 General requirement

Where throughout this code information is requested in writing, facsimile transmission or other electronic means as agreed with OETC in writing may be used. All writing shall be in the English language.

All User's Plant at a Connection Point or a Supply Point shall have numbering and nomenclature that is different and distinct from the numbering and nomenclature used by OETC for its HV Plant at that Connection Point or Supply Point.

To comply with the requirements of OC8, Users shall not install, nor permit the installation of any Plant with numbering or nomenclature that could reasonably be confused with the numbering and nomenclature of the Plant of OETC or any other User at a Connection Point or Supply Point.

OC8.6 Procedure

The numbering and nomenclature of each item of HV Plant shall be included in the Operation Diagram prepared for each OETC Site or User Site. The requirements for an Operation Diagram are set down in the Connection Conditions Code and that code requires that the Operation Diagram shall be updated for every change to Plant or its labelling.

OC8.6.1 OETC HV Plant on a User Site

OETC HV Plant on User Sites shall have numbering and nomenclature in accordance with OETC's Numbering and Nomenclature Policy.

When OETC is to install HV Plant on a User Site, OETC shall notify the relevant User of the numbering and nomenclature to be adopted for that HV Plant at least six months prior to proposed installation.

The notification will be made in writing to the relevant User and will consist of;

- an Operation Diagram incorporating the new OETC HV Plant to be installed;
- OETC's numbering and nomenclature to be adopted for that HV Plant; and
- the proposed date of installation of the HV Plant.

The relevant User will respond in writing to OETC within one month of the receipt of the notification, confirming;

- receipt of the notification;
- that none of the Users HV Plant at the relevant User Site has the same numbering and nomenclature proposed or as used by OETC; and
- that if any of the Users HV Plant at the relevant User Site has the same numbering and nomenclature as that proposed or used by OETC, the numbering and nomenclature of the Users HV Plant at the relevant site will be changed before installation of OETC's HV Plant at the relevant site.

The relevant User shall not install or permit the installation of any HV Plant at a site that has numbering or nomenclature that could be confused with OETC HV Plant which is either already on that User Site or which OETC has notified to that User will be installed on that User Site.



OC8.6.2 User HV Plant on OETC Sites

User HV Plant on OETC Sites shall have numbering and nomenclature in accordance with OETC's Numbering and Nomenclature Policy

When a User is to install HV Plant on a OETC Site, or wishes to replace existing HV Plant on a OETC Site or adopt new numbering and nomenclature for such HV Plant, the User shall notify OETC in writing at least six months prior to proposed installation to provide;

- an Operation Diagram incorporating the new User HV Plant to be installed;
- the details of the HV Plant;
- the proposed numbering and nomenclature to be adopted for that HV Plant; and
- the proposed date of its installation.

OETC will respond in writing to the User within one month of the receipt of the notification and state;

- whether OETC accepts the User proposed numbering and nomenclature; and
- if the numbering and nomenclature proposed by the User are not acceptable, OETC shall give details of the numbering and nomenclature which the User shall adopt for the User's HV Plant.

Users will be provided upon request with details of OETC's current Numbering and Nomenclature Policy in order to assist them in planning the numbering and nomenclature for their HV Plant on OETC Sites.

OC8.6.3 User HV Plant on a OETC installation on a User Site

Where User HV Plant, such as circuit breakers, form part of a OETC installation on a User Site, the User HV Plant shall use numbering and nomenclature in accordance with OETC's Numbering and Nomenclature Policy.

OC8.6.4 Changes to existing numbering or nomenclature

Where OETC has decided that it needs to change the existing numbering or nomenclature of OETC HV Plant on a User Site or of User HV Plant on a OETC Site;

- For OETC HV Plant on a User Site, the provisions of OETC's Numbering and Nomenclature Policy shall apply to such changes of numbering or nomenclature with any necessary amendments to those provisions to reflect that a change is being made; and
- For User HV Plant on an OETC Site, OETC will notify the User of the numbering and nomenclature that the User shall adopt for that HV Plant at least six months prior to the change being needed and the User will respond in writing to OETC within one month of the receipt of the notification, confirming receipt and acceptance of the changes; and
- If the User objects to the changes proposed by OETC;
 - OETC and the User shall consult promptly to reach agreement;
 - If agreement cannot be reached, OETC's Numbering and Nomenclature Policy will be used; and
 - If the disagreement concerns a point of principle, the User may set out the arguments and present them to the Grid Code Review Panel for their consideration. OETC's Numbering and Nomenclature Policy will apply until the disagreement is resolved.

In all cases OETC's notification shall indicate the reason for the proposed change to the existing numbering or nomenclature.



OC8.6.5 Labelling

All HV Plant shall be provided with clear and unambiguous labelling showing the numbering and nomenclature.

OETC and Users are each responsible for the provision and erection of labelling on their own HV Plant.

Where there is a requirement for the numbering and nomenclature of HV Plant to be changed, OETC and Users shall each be responsible for providing and erecting the labels on their own Plant by the required date.