

PREFACE

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(This section does not form part of the Grid Code)

P.1. The Grid Code sets out the operating procedures and principles governing the relationship between **NGET-NGESO** and all Users of the **National Electricity Transmission System**, be they **Generators**, **DC Converter** owners, **Suppliers** or **Non-Embedded Customers**. The Grid Code specifies day-to-day procedures for both planning and operational purposes and covers both normal and exceptional circumstances.

P.2 The Grid Code is designed to:

- (i) permit the development, maintenance and operation of an efficient, coordinated and economical system for the transmission of electricity;
- (ii) facilitate 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);
- (iii) 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; and
- (iv) efficiently discharge the obligations imposed upon the licensee by this license and to comply with the Electricity Regulation and any relevant legally binding decisions of the European Commission and/or the Agency.

and is conceived as a statement of what is optimal (particularly from a technical point of view) for all **Users** and **NGET-NGESO** itself in relation to the planning, operation and use of the **National Electricity Transmission System**. It seeks to avoid any undue discrimination between **Users** and categories of **Users**.

P.3 The Grid Code is divided into the following sections:

- (a) a **Planning Code** which provides generally for the supply of certain information by **Users** in order for **NGET-NGESO** to undertake the planning and development of the **National Electricity Transmission System**;
- (b) the **Connection Conditions** which specify minimum technical, design and operational criteria which must be complied with by **NGET-NGESO and Relevant Transmission Licensees** at **Connection Sites** and by **Users** connected to or seeking connection with the **National Electricity Transmission System** or by **Generators** (other than in respect of **Small Power Stations**) or **DC Converter** owners, connected to or seeking connection to a **User's System**;
- (c) the **Compliance Processes** which specify the process that must be followed by **NGET-NGESO** and any **Generator** or **DC Converter Station** owner to demonstrate its compliance with the Grid Code in relation to its **Plant and Apparatus**.

- (d) an **Operating Code**, which is split into a number of sections and deals with **Demand** forecasting (**OC1**); the co-ordination of the outage planning process in respect of **Large Power Stations**, the **National Electricity Transmission System** and **User Systems** for construction, repair and maintenance, and the provision of certain types of **Operating Margin** data (**OC2**); testing and monitoring of **Users** (**OC5**); different forms of reducing **Demand** (**OC6**); the reporting of scheduled and planned actions, and unexpected occurrences such as faults (**OC7**); the co-ordination, establishment and maintenance of **Isolation** and **Earthing** in order that work and/or testing can be carried out safely (**OC8**); certain aspects of contingency planning (**OC9**); the provision of written reports on occurrences such as faults in certain circumstances (**OC10**); the procedures for numbering and nomenclature of **HV Apparatus** at certain sites (**OC11**); and the procedures for the establishment of **System Tests** (**OC12**);
- (e) a **Balancing Code**, which is split into three sections and deals with the submission of **BM Unit Data** from **BM Participants**, and of certain other information, for the following day and ahead of **Gate Closure** (**BC1**); the post **Gate Closure** process (**BC2**); and the procedures and requirements in relation to **System Frequency** control (**BC3**);
- (f) a **Data Registration Code**, which sets out a unified listing of all data required by **NGET** **NGESO** from **Users**, and by **Users** from **NGET****NGESO**, under the Grid Code;
- (g) **General Conditions**, which are intended to ensure, so far as possible, that the various sections of the Grid Code work together and work in practice and include provisions relating to the establishment of a **Grid Code Review Panel** and other provisions of a general nature.

P.4

This Preface is provided to **Users** and to prospective **Users** for information only and does not constitute part of the Grid Code.

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