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| GB proposal for the LFC area operational methodology in accordance with Article 120 of the Commission Regulation (EU) 2017/1485 of 2 August establishing a guideline on electricity transmission system operation |
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| Date 23/07/2018 |

Whereas

1. This methodology establishes the LFC area operational agreement for the synchronous area of Great Britain and contains methodology texts listed in Article 120 of Commission Regulation (EU) 2017/1485 of 2 August 2017 establishing a guideline on electricity transmission system operation (hereafter referred to as “SOGL”).
2. On 14 September 2017 the GB regulatory authority, OFGEM, published a decision assigning obligations in Article 120 of SOGL to the GB electricity system operator (the “ESO”). As at the date of drafting the entity licensed to perform the role of the ESO is National Grid Electricity Transmission plc. The license to perform the role of the ESO will transfer to National Grid Electricity System Operator Limited on 1 April 2019. As a consequence, on and after 1 April 2019 all references to the ESO in this document will refer to National Grid Electricity System Operator Limited.
3. The Regulatory Authority, shall be taken to mean OFGEM, the sole competent National Regulatory for the GB specific regulations, unless otherwise specified within the Articles themselves.
4. The LFC area operational methodology proposal takes into account the general principles and goals set in the SOGL, the Commission Regulation establishing a network code on electricity emergency and restoration (NC ER) as well as in the Regulation (EC) No 714/2009 of the European Parliament and of the Council of 13 July 2009 on conditions for access to the network for cross-border exchanges in electricity (hereafter referred to as “Regulation (EC) No 714/2009”). The goal of the SOGL / Regulation is the safeguarding of operational security, frequency quality and the efficient use of the interconnected system and resources. It sets for this purpose requirements to determine the LFC area operational methodology per synchronous area, which shall comply with the followings requirements:
   1. The specific allocation of responsibilities between ESOs within the LFC area in accordance with Article 141(8).
   2. The appointment of the ESO responsible for the implementation and operation of the frequency restoration process in accordance with Article 143(4).
5. According to Article 6(6) of the SOGL, the expected impact of the LFC area operational methodology proposal on the objectives of the SOGL has to be described. It is presented below. The proposed LFC area operational methodology proposal generally contributes toward determining the common load-frequency control processes and control structures required byArticle 4(1)(c) of the SOGL.
6. In conclusion, the LFC area operational methodology proposal contributes to the general objectives of the SOGL Regulation to the benefit of all market participants and electricity end consumers.

SUBMIT THE FOLLOWING LFC AREA OPERATIONAL METHODOLOGY PROPOSAL TO OFGEM AS THE GB COMPETENT REGULATORY AUTHORITY:

Article 1  
Subject matter and scope

1. This methodology shall be considered as the common proposal for the LFC area operational agreement for GB synchronous area in accordance with Article 120 of SOGL Regulation.

Article 2  
Definitions and interpretation

1. For the purposes of the LFC area operational methodology proposal, terms used in this document shall have the meaning of the definitions included in Article 3 of the SOGL Regulation, of Regulation (EC) 714/2009, and of Directive 2009/72/EC.
2. In this LFC area operational methodology, unless the context requires otherwise:
3. the singular indicates the plural and vice versa;
4. any reference to legislation, regulations, directive, order, instrument, code or any other enactment shall include any modification, extension or re-enactment of it then in force.

Article 3  
GB LFC area operational methodology

1. The system operator of the GB LFC Area shall fullfill all of the obligations of SOGL article 141(8) by:
   1. continuously monitor the FRCE of the GB LFC area;
   2. implement and operate a FRP for the GB LFC area;
   3. endeavouring to fulfil the FRCE target parameters of the LFC area as defined in SOGL Article 128; and
   4. implement the following control processes within the GB LFC Area:
      1. a Reserve Replacement Process pursuant to SOGL Article 144;
      2. a cross-border Frequency Restoration Reserve activation process in accordance with SOGL Article 147;
      3. a cross-border Reserve Replacement activation process in accordance with SOGL Article 148; and
      4. a time control process pursuant to SOGL Article 181.
2. The GB LFC Area comprises of a single Monitoring Area. The ESO will be responsible for implementing and activating the Frequency Restoration Process in accordance with SOGL article 143(4).

Article 4  
Publication and implementation of the LFC blocks determination proposal

1. The ESO shall publish the LFC area operational methodology proposal without undue delay after the NRA has approved the proposal or a decision has been taken by the Agency for the Cooperation of Energy Regulators (ACER) in accordance with Article 8(1) of the SOGL.
2. The ESO shall implement the LFC area operational methodology proposal as soon as regulatory authorities have approved the proposal in accordance with Article 6 (3) SOGL or a decision has been taken by the Agency in accordance with Article 6(8) SOGL.

Article 5  
Language

1. The reference language for this LFC area operational methodology proposal shall be English.