

Commission Regulation (EU) 2017/2196 of 24 November 2017 establishing a network code on electricity emergency and restoration (Text with EEA relevance)

CHAPTER V

**INFORMATION EXCHANGE AND COMMUNICATION, TOOLS AND FACILITIES**

*Article 41*

**Communication systems**

1 Each DSO and SGU identified in accordance with points (b) and (c) of Article 23(4), each restoration service provider and each TSO shall have a voice communication system in place with sufficient equipment redundancy and backup power supply sources to allow the exchange of the information needed for the restoration plan for at least 24 hours, in case of total absence of external electrical energy supply or in case of failure of any individual voice communication system equipment. Member States may require a minimum backup power capacity higher than 24 hours.

2 Each TSO shall establish, in consultation with the DSOs and SGUs identified in accordance with Article 23(4) and with restoration service providers, the technical requirements to be fulfilled by their voice communication systems as well as by the TSO's own voice communication system in order to allow their interoperability and to guarantee that the TSO's incoming call can be identified by the other party and answered immediately.

3 Each TSO shall establish, in consultation with its neighbouring TSOs and the other TSOs of its synchronous area, the technical requirements to be fulfilled by their voice communication systems as well as by the TSO's own voice communication system in order to allow their interoperability and to guarantee that the TSO's incoming call can be identified by the other party and answered immediately.

4 Notwithstanding paragraph 1, those SGUs identified in accordance with Article 23(4) that are type B power generating modules and those restoration service providers that are type A or B power generating modules, shall have the possibility to have only a data communication system, instead of a voice communication system, if agreed upon with the TSO. This data communication system shall fulfil the requirements laid down in paragraphs 1 and 2.

5 Member States may require that, in addition to the voice communication system, a complementary communication system be used to support the restoration plan; in that case, the complementary communication system shall fulfil the requirements laid down in paragraph 1.

**Changes to legislation:**

There are outstanding changes not yet made to Commission Regulation (EU) 2017/2196. Any changes that have already been made to the legislation appear in the content and are referenced with annotations.

[View outstanding changes](#)

**Changes and effects yet to be applied to the whole legislation item and associated provisions**

- Signature words omitted by [S.I. 2019/533 Sch. 2 para. 31](#)
- Art. 1(b) words omitted by [S.I. 2019/533 Sch. 2 para. 2](#)
- Art. 2(7A) inserted by [S.I. 2019/533 Sch. 2 para. 3\(5\)](#) (This amendment not applied to legislation.gov.uk. Sch. 2 para. 3(5) omitted (15.9.2020) by virtue of S.I. 2020/1016, regs. 1(2), 6(4)(a))
- Art. 3(1) inserted by [S.I. 2019/533 Sch. 2 para. 4\(2\)](#) (This amendment not applied to legislation.gov.uk. Sch. 2 para. 4(2) omitted (16.9.2020) by virtue of S.I. 2020/1006, reg. 3(3)(a))
- Art. 3(1) words substituted in earlier amending provision S.I. 2019/533, Sch. 2 para. 4(2) by [S.I. 2020/1016 reg. 6\(4\)\(b\)\(i\)](#)
- Art. 3(2) first existing paragraph renumbered as Art. 3(2) by [S.I. 2019/533 Sch. 2 para. 4\(3\)](#) (This amendment not applied to legislation.gov.uk. Amending words in Sch. 2 para. 4(3) substituted (16.9.2020) by S.I. 2020/1006, reg. 3(3)(b))
- Art. 3(2) words inserted by [S.I. 2019/533 Sch. 2 para. 4\(3\)\(a\)](#)
- Art. 3(2) words omitted by [S.I. 2019/533 Sch. 2 para. 4\(3\)\(b\)](#)
- Art. 3(2) words omitted by [S.I. 2019/533 Sch. 2 para. 4\(3\)\(c\)](#) (This amendment not applied to legislation.gov.uk. Sch. 2 para. 4(3)(c) substituted (16.9.2020) by S.I. 2020/1006, reg. 3(3)(c))
- Art. 3(2) words omitted by virtue of S.I. 2019/533, Sch. 2 para. 4(3)(c) (as substituted) by [S.I. 2020/1006 reg. 3\(3\)\(c\)](#)
- Art. 3(2) words omitted by virtue of S.I. 2019/533, Sch. 2 para. 4(3)(d) (as substituted) by [S.I. 2020/1006 reg. 3\(3\)\(c\)](#)
- Art. 3(2) words substituted by S.I. 2019/533, Sch. 2 para. 4(3)(ba) (as inserted) by [S.I. 2020/1016 reg. 6\(4\)\(b\)\(ii\)](#)
- Art. 3(3) second existing paragraph renumbered as Art. 3(3) by [S.I. 2019/533 Sch. 2 para. 4\(4\)](#) (This amendment not applied to legislation.gov.uk. Amending words in Sch. 2 para. 4(4) substituted (16.9.2020) by S.I. 2020/1006, reg. 3(3)(d)(i))
- Art. 3(4)(5) inserted by [S.I. 2019/533 Sch. 2 para. 4\(5\)](#) (This amendment not applied to legislation.gov.uk. Sch. 2 para. 4(2) omitted (16.9.2020) by virtue of S.I. 2020/1006, reg. 3(3)(e))
- Art. 3.3(14)(15) inserted by [S.I. 2019/533 Sch. 2 para. 4\(4\)](#)
- Art. 3.3(14) omitted in earlier amending provision S.I. 2019/533, Sch. 2 para. 4(4) by [S.I. 2020/1006 reg. 3\(3\)\(d\)\(ii\)](#)
- Art. 4(1)(h) word omitted by [S.I. 2019/533 Sch. 2 para. 5\(2\)\(b\)](#)
- Art. 4(2)(d) words omitted by [S.I. 2019/533 Sch. 2 para. 5\(3\)\(b\)](#)
- Art. 35(2)(a) omitted by [S.I. 2019/533 Sch. 2 para. 20\(2\)\(a\)](#)
- Art. 35(2)(e) words omitted by [S.I. 2019/533 Sch. 2 para. 20\(2\)\(b\)](#)
- Art. 35(5)(a) omitted by [S.I. 2019/533 Sch. 2 para. 20\(3\)\(a\)](#)
- Art. 35(5)(c) omitted by [S.I. 2019/533 Sch. 2 para. 20\(3\)\(a\)](#)
- Art. 35(5)(e) omitted by [S.I. 2019/533 Sch. 2 para. 20\(3\)\(b\)](#)
- Art. 36(3)(a) omitted by [S.I. 2019/533 Sch. 2 para. 21\(3\)\(a\)](#)
- Art. 36(3)(e) words omitted by [S.I. 2019/533 Sch. 2 para. 21\(3\)\(b\)](#)
- Art. 36(4)(c)(ii) omitted by [S.I. 2019/533 Sch. 2 para. 21\(4\)\(a\)](#)
- Art. 36(4)(d)(iii) omitted by [S.I. 2019/533 Sch. 2 para. 21\(4\)\(b\)](#)
- Art. 36(4)(e)(i) omitted by [S.I. 2019/533 Sch. 2 para. 21\(4\)\(c\)\(i\)](#)
- Art. 36(4)(v) words omitted by [S.I. 2019/533 Sch. 2 para. 21\(4\)\(c\)\(ii\)](#)
- Art. 38(2)(e) words substituted by [S.I. 2019/533 Sch. 2 para. 23\(2\)](#)
- Art. 38(3)(c) omitted by [S.I. 2019/533 Sch. 2 para. 23\(3\)](#)
- Art. 38(3)(g) omitted by [S.I. 2019/533 Sch. 2 para. 23\(3\)](#)

- Art. 38(3)(h) omitted by S.I. 2019/533 Sch. 2 para. 23(3)
- Art. 40(2)(a) omitted by S.I. 2019/533 Sch. 2 para. 25(2)
- Art. 40(4)(a) omitted by S.I. 2019/533 Sch. 2 para. 25(3)(a)
- Art. 40(4)(b) substituted by S.I. 2019/533 Sch. 2 para. 25(3)(b)
- Art. 51(1)(d) omitted by S.I. 2019/533 Sch. 2 para. 27