

199—27.10(476,478) Service reliability requirements for electric utilities.

27.10(1) *Applicability.* This rule is applicable to electric cooperatives and associations operating within the state of Iowa subject to Iowa Code section 476.1A. Paragraph 27.10(3) “g” is applicable to both electric cooperatives and municipal electric utilities.

27.10(2) *Purpose and scope.* Reliable electric service is of high importance to the health, safety, and welfare of the citizens of Iowa. The purpose of this rule is to establish standards of reliability of the transmission and distribution systems and facilities that are under the board’s jurisdiction.

27.10(3) *General obligations.*

a. Each electric cooperative shall make reasonable efforts to avoid and prevent interruptions of service. However, when interruptions occur, service shall be reestablished within the shortest time practicable, consistent with safety.

b. The electric cooperative’s electrical transmission and distribution facilities shall be designed, constructed, maintained, and electrically reinforced and supplemented as required to reliably perform the power delivery burden placed upon them in the storm and traffic hazard environment in which they are located.

c. Each electric cooperative shall carry on an effective preventive maintenance program and shall be capable of emergency repair work on a scale which its storm and traffic damage record indicates as appropriate to its scope of operations and to the physical condition of its transmission and distribution facilities.

d. Each electric cooperative shall keep records of interruptions of service on its primary distribution system and shall make an analysis of the records for the purpose of determining steps to be taken to prevent recurrence of such interruptions.

e. Each electric cooperative shall make reasonable efforts to reduce the risk of future interruptions by taking into account the age, condition, design, and performance of transmission and distribution facilities and providing adequate investment in the maintenance, repair, replacement, and upgrade of facilities and equipment.

f. Any electric cooperative unable to comply with applicable provisions of this rule may file a waiver request pursuant to rule 199—1.3(17A,474,476).

g. Each electric cooperative and municipal electric utility shall adopt and have approved by its board of directors or governing authority a reliability plan. The reliability plan shall be updated not less than annually. A copy of the annual report shall be filed with the board for informational purposes.

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