199—27.2(476) Assigned area of service and maps.

27.2(1) *Service areas.* Service areas are defined by the boundaries on service area maps. Electronic maps are available for viewing on the commission's website or at the commission's offices during regular business hours. These service area maps are the official electric service territory maps pursuant to Iowa Code section 476.24.

27.2(2) *Modification of service area and answers.*

a. An exclusive service area is subject to modification through a contested case proceeding that may be commenced by filing a petition for modification of service area with the commission. The commission may commence a service area modification proceeding on its own motion. The commission may grant a modification if the modification promotes the public interest. In determining whether the modification is in the public interest, the commission will consider the factors described in Iowa Code section 476.25(1) and any other relevant factors.

b. Any electric cooperative or municipal electric utility may file a petition for modification of service area, which includes:

(1) A legal description of the service area desired,

(2) A designation of the utilities involved in each boundary section,

(3) A justification for the proposed service area modification, including addressing the public interest,

(4) A PDF (portable document format) map, an electronic file of the proposed service area boundaries, in a format designated by the commission, as described on the electronic filing system (EFS) homepage under EFS filing standards, and

(5) A map showing the affected areas that complies with the map paragraph contained within this chapter is to be attached to the petition as an exhibit.

c. Electric cooperatives and municipal electric utilities may agree with other electric utilities to service territory modifications by contract pursuant to Iowa Code section 476.25(2). Contracts to be enforceable are to be approved by the commission.

27.2(3) *Certificate of authority.* A request for a service territory modification filed by an electric cooperative or municipal electric utility pursuant to this rule that would result in service to a customer by a public utility other than the public utility currently serving the customer will need a certificate of authority under Iowa Code section 476.23. Unless voluntarily agreed otherwise, the party currently serving the customer is to be paid a reasonable price for the facilities serving the customer.

27.2(4) *Maps.*

a. Each electric cooperative and municipal electric utility is to maintain a current map or set of maps showing the physical location of electric lines, stations, and electric transmission facilities for its service areas. The maps are to include the exact location of the following:

(1) Generating stations, with capacity designation.

(2) Purchased power supply points, with maximum contracted capacity designation.

(3) Purchased power metering points if located at other than power delivery points.

(4) Transmission lines, with size and type of conductor designation and operating voltage designation.

(5) Transmission-to-transmission voltage transformation substations, with transformer voltage and capacity designation.

(6) Transmission-to-distribution voltage transformation substations, with transformer voltage and capacity designation.

(7) Distribution lines, with size and type of conductor designation, phase designation, and voltage designation.

(8) All points at which transmission, distribution, or secondary lines of the utility cross Iowa state boundaries.

(9) All current information required in Iowa Code section 476.24(1).

(10) All county boundaries and county names.

(11) Natural and artificial lakes that cover more than 50 acres and all rivers.

(12) Any additional information required by the commission.

b. All maps, except those deemed confidential by the commission, are to:

(1) Be available for examination at the designated offices of the electric cooperative or municipal electric utility during regular office hours,

(2) Include clean, uniform lines to a scale of at least one inch per mile,

(3) Include a larger scale where it is necessary to clarify areas where there is a heavy concentration of facilities, and

(4) Ensure that cartographic details are clean cut, and the background contains little or no coloration or shading.

[**ARC 0742D**, IAB 11/11/26, effective 12/16/26]