Approved by Board: 8/5/2025 Effective: 8/5/2025

POLICY 217
AGRICULTURAL SELF-GENERATION UP TO 100 kW

Objective

To set forth a policy for the interconnection of agricultural or horticultural self-generation in accordance with Nebraska Statute 70-1507 or as amended. Interconnection is available to eligible agricultural customers whose electric service is supplied by Dawson Public Power District (Dawson PPD).

Definitions

Agricultural or Horticultural Facility: A facility that is used for the commercial production of any plant or animal product in a raw or unprocessed state that is derived from the science and art of agriculture, aquaculture, or horticulture.

Backfeed: The reverse flow of energy from a self-generation facility to the power distribution system of Dawson PPD.

Customer-Generator: The party in control of the self-generation facility that is located on premises owned, leased, or otherwise controlled by the party.

Interconnection Application: The form to be used by the self-generator to submit a formal request for interconnection to Dawson PPD's distribution system.

Interconnection Agreement: The written agreement between the customer-generator and Dawson PPD that outlines the requirements and obligations of both the customer-generator and Dawson PPD.

Self-Generation Facility: A facility for the production of electricity that:

a) Uses methane, wind, solar, biomass, hydropower, or geothermal resources as its energy source;

b) Is controlled by the customer-generator and located entirely on the same premises as the customer-generator's electric account with Dawson PPD;

c) Is owned, leased, or otherwise controlled by the customer-generator and used for agricultural or horticultural purposes;

d) Has a rated capacity of 100 kW AC or less;

e) Utilizes a device which prevents any backfeed of electricity to Dawson PPD;

f) Is not used for purposes of net metering.

Policy

Applicable to customer-generators as follows:

A. The customer-generator is in good standing with Dawson PPD.

B. The customer-generator will be subject to the same retail rate schedule as those retail customers who are not generators. Dawson PPD is allowed to establish a rate or fee to fully cover its costs to serve a customer that is a customer-generator.

C. The customer-generator must submit an Interconnection Application to Dawson PPD no less than 60 days prior to planned construction. The application must be approved by Dawson PPD before the initiation of construction.

D. The customer-generator will be responsible for all costs associated with modifications to the electric service required for interconnection.

E. Upon completion of construction, the self-generation facility must be inspected by the Nebraska State Electrical Division and pass system performance testing by Dawson PPD.

   a. The self-generation facility must meet all safety and performance requirements of Dawson PPD and all applicable regulations, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, and the Underwriters Laboratories.

   b. The equipment that prevents backfeed is required to be listed for the purpose and will be tested prior to interconnection to Dawson PPD. If at any time the equipment fails to prevent backfeed, Dawson PPD reserves the right to disconnect the service interconnected to the self-generation facility.

   c. The customer will be charged for any energy that backfeeds to Dawson PPD.

F. An Interconnection Agreement will be entered into between the customer-generator and Dawson PPD following successful inspection and testing of the self-generation facility.

G. Accounts participating in Dawson PPD's pilot project as of August 5, 2025, allowing up to 100 kW of generation with a limit of 25 kW feedback, shall be grandfathered until a change of ownership or a modification to their electric service.