

ORDINANCE 25-2023

ORDINANCE AMENDING CHAPTER 94 ATTACHMENT 3, APPENDIX C ENTITLED “ELECTRIC UTILITY DEPARTMENT RULES AND REGULATIONS”

BE IT ORDAINED BY THE COUNCIL OF THE BOROUGH OF MADISON IN THE COUNTY OF MORRIS AND THE STATE OF NEW JERSEY, as follows:

Chapter 94 Attachment 3, Appendix C entitled “Electric Utility Department Rules and Regulations” of the “Code of the Borough of Madison” SECTION 6 is hereby amended to read as follows:

§ 6. Rules for customers with self-generation equipment.

CONSULTATION WITH BOROUGH

6.01 It is essential to assure safety of Borough personnel that the customer consults with the Borough Utility before purchasing, constructing, operating, or interconnecting any self-generation equipment. Under no circumstance shall the customer be allowed to install self-generating equipment before the Borough Utility has given consultation, review and approval.

GENERAL REQUIREMENT

6.02 No self-generating equipment or facility may be connected to the Borough system without express authorization from the Superintendent of the Electric Utility. To obtain this approval all requirements listed below must be met.

6.03 Institute of Electrical and Electronics Engineers, specifically IEEE Standard 929- 2000, accredited testing institutions, such as Underwriters' Laboratories, and all applicable municipal, county, and federal codes or regulations must be met.

RESIDENTIAL SERVICES

6.04 To begin the solar application process, all requirements listed below must be received by the Borough of Madison Electric Department. An application will not be processed until all required documentation has been received. Applications can be submitted online through Rosenet.org, or by mail addressed to Borough of Madison, Utility Billing Department, 50 Kings Road, , Madison, NJ, 07940.

- The self-generator shall have a rated capacity of no more than 100% of annual kWh consumption. A PVWatts calculation with the proposed system size is required as proof of estimated annual generation. Upon request, the Borough will provide 12 months of kWh consumption for the proposed solar system size. If this information is obtained independently, customer must provide proof of its accuracy.

- Customer must provide two (2) sets of complete plans, including a single-line diagram and details of the proposed protective schemes. A professional engineer or electrical contractor licensed in the State of New Jersey must certify plans. It should be noted that Borough review does not constitute approval of the correctness of customer’s plans.

- Customer must provide specifications for the proposed equipment.

- Customer must pay the appropriate application fee, either online or by check, as specified in section 94.3 of the Borough Code.

6.05 Customer shall not change any aspect of the operation, the wiring, the controls, or the interconnection of the self-generation equipment without first providing prior written notice to the Borough. All changes or proposed changes shall be subject to Borough review in the same manner as provided in Section 3 above. Customer shall pay all reasonable engineering fees and application fees (up to a maximum established in the Schedule of Rates) incurred by the Borough to review and inspect the proposed installation modification.

6.06 The System shall have a single, outdoor, lockable, visible disconnect switch, accessible at all times to Borough of Madison personnel. If the system is designed to provide uninterruptible power to critical loads, either through energy storage, back-up generator, or the generation source, the System shall include a parallel locking scheme for this backup source.

6.07 Prior to connection to the Borough system, the equipment and interconnection shall be inspected and approved by the Borough's inspector. Inspections by the Borough shall be undertaken solely for the purpose of determining compliance with the proposed plans and for the safety and integrity of the Borough system. Nothing done by the Borough's Utility Inspector shall constitute endorsement or approval of the generating system purchased by the customer.

6.08 Prior to interconnection with the Borough system, customer shall enter into a written Interconnection Agreement with the Borough. In addition to the operating provisions contained within these rules, this agreement shall permit unlimited right of entry to the customer's property for safety reasons or to disconnect whenever the Borough believes that continued operation of the self-generation equipment could result in harm to the Borough system or to a customer of the Borough. Borough system employees shall have the right to inspect and test the interconnection facilities during reasonable hours. This agreement shall also require the safe operation of the equipment and such other provisions as are appropriate for the protection of other customers and safe operation of the Borough system.

6.09 The customer shall be responsible for the safe operation of the self-generation equipment and shall be responsible for all costs of repairs, corrections, or updating of the interconnection facilities.

6.10 The customer shall be financially responsible for all costs of interconnection, including the Borough plan review fee, voltage regulation, wiring, labor, special metering, and inspections. The customer shall also be responsible for the cost of periodic testing of the interconnection facilities.

6.11 Once an Interconnection Agreement made between the customer and the Borough has been executed, The Borough of Madison shall credit excess energy generated by a self-generation system to the customer in accordance with the Schedule of Rates established by ordinance.

COMMERCIAL SERVICES

6.12 To begin the solar application process, all requirements listed below must be received by the Borough of Madison Electric Department. An application will not be processed until all required documentation has been received. Applications can be submitted online through Rosenet.org, or by mail addressed to the Borough of Madison, Utility Billing Department, 50 Kings Road, Madison, NJ, 07940.

6.13 The self-generator shall have a rated capacity of no more than the lesser of 100% of annual kWh consumption or 100kW.

6.14 The self-generation Commercial customer shall be credited at the applicable rate in Chapter 94, Appendix A under “Applicable to service classifications GSS – General Service (Non-Demand); GS – General Service (Demand); GS-ML - Mid-Level General Service (Demand); GSL-D – Large General Service (Demand).”

GOVERNMENTAL ENTITIES

6.15 To begin the solar application process, all requirements listed below must be received by the Borough of Madison Electric Department. An application will not be processed until all required documentation has been received. Applications can be submitted online through Rosenet.org, or by mail addressed to the Borough of Madison, Utility Billing Department, 50 Kings Road, Madison, NJ, 07940.

6.16 The self-generation Governmental Entity customer shall be credited at the applicable rate in Chapter 94, Appendix A under “Applicable to Governmental Entities”.

6.17 The Borough will offer remote net metering to a customer at a net metered location. Remote net metering is an arrangement that allows for the kilowatt-hours generated from a self-generator located at a specific location to be credited towards kilowatt-hour consumption as a net metering credit at a different location. The self-generator must be located on property owned by the customer.

6.18 In order to qualify for remote net metering, the customer must be a public entity (such as a state entity, school district, board of education, county, county agency, county authority, municipality, municipal agency or municipal authority) that has multiple facilities with metered accounts to be known collectively as the “remote meters.” The remote meters must all be located within the Borough’s territory and served under the same rate schedule.

6.19 One of the remote meters must operate a self-generator using a net metered account and act as a host customer for remote net metering generating capacity. The host customer may allocate net metering credits to its other remote meters in accordance with the Chapter 94, Appendix A.

6.20 An application for remote net metering must be returned to the Borough for approval. Within the application, the host account must designate the remote meters and the percentage of the net metering credits designated to each of those remote meters.

6.21 The annualized electric generation capability of the self-generator located at the net metered location cannot exceed 100% of the amount of electricity supplied by the Borough to all of the remote meters combined over an annualized period.

6.22 All incremental costs incurred by the Borough resulting from the implementation of remote net metering may be recovered from the remote net metering customer.

6.23 The net metering credit will first be applied to the host account’s electric bill and any remaining credit will be allocated to the remote meters based on the percentage designated by the customer to each of those remote meters.

6.24 In any billing month where the amount of electricity delivered by the net metered location exceeds the electricity supplied by the Borough to the remote meters, the excess kilowatt-hours net metering credit shall be applied to the customer in the next billing month in accordance with the Schedule of Rates established by ordinance.

6.25 The Borough shall establish other regulations and guidelines for self-generating Government Services customers.