

**SHELBY ELECTRIC COOPERATIVE
BOARD POLICY 323**

SMALL DISTRIBUTED GENERATION FACILITIES INCENTIVE

I. OBJECTIVE

To provide an incentive for members generating electricity from small distributed generation facilities, as defined below, and to provide for the purchase of kWhs produced in excess of the members' electrical consumption, while honoring the Cooperative's obligation to provide electricity to all Members on a cooperative basis as required by the Illinois Not-for-Profit Corporation Act and Internal Revenue Code Section 501(c)(12) and while complying with the Cooperative's Wholesale Power Contract obligations with Prairie Power, Inc. (PPI) and with PPI's Policy #510 (Small Distributed Generation Facilities Incentive).

II. DEFINITIONS

To the extent the following terms are used in this policy, the following definitions shall apply. To the extent that the same term is used in this policy and PPI's Policy #510, the definition of such term contained in PPI's Policy #510 shall control, in the event of a conflict between the definitions.

"Billing period" means the period of time over which the Cooperative bills a member for electric energy consumed during that time and for other applicable charges from the Cooperative.

"Cooperative" means Shelby Electric Cooperative and its successors and assigns.

"Member" or "Members" means one or more Class A Members of the Cooperative.

"Nameplate rating" means the maximum electric energy production capability of a resource, specified in alternating current (AC) kilowatts after the inverter.

"Prairie Power, Inc." or "PPI" means Prairie Power, Inc., an Illinois not-for-profit corporation, or its successors in interest, which is an electric generation and transmission cooperative of which the Cooperative is a member and from which, by contract, the Cooperative obtains its wholesale supply of electricity.

"Small DG Incentive" means a monetary payment in the form of a bill credit by the Cooperative to the owner of a Small DG for excess energy generated by the Small DG and registered on the designated meter.

“Small Distributed Generation Facilities” or “Small DG” means one or more electricity production resources which meet all of the following criteria: (1) owned by a Member of the Cooperative; (2) located in the retail service area of the Cooperative; (3) connected to and operating on the Member’s low-voltage electric premises wiring associated with a single, specified service metering point; (4) the total combined Nameplate Rating for such resources at the single, specified service metering point is less than or equal to 50 kilowatts and sized to offset no more than 110% of the Member’s load over the previous 12 months (if 12 months of data is not available, the average amount of a similar Member shall be used) (5) such resources produce electric energy using biomass, waste, renewable resources, including wind, solar energy, and water; and (6) such resources are not taking service under PPI Policy #504 (net metering) or the Cooperative Policy #308 or under PPI Policy #509 (QF) or the Cooperative Policy #321.

III. AVAILABILITY

This incentive is available, at the option of an eligible Member, to Small DG Facilities in the service territory of the Cooperative and after first complying with the provisions of the Cooperative’s Board Policy #307 (Interconnection and Parallel Operation of Distributed Generation) as it relates to the connection of a Small DG to, and the operation of such Small DG on, the Member’s low-voltage electric premises wiring associated with the specified metering point. This incentive is not simultaneously available to an EREGF taking service under the provisions of PPI Policy #504 (Net Metering and Delivery of Excess Member-Consumer-Generated Energy to Member Distribution Cooperatives) or the Cooperative Policy #308. This incentive is not simultaneously available to a QF taking service under the provisions of PPI Policy #509 (Interconnection Policy for Co-generators and Small Power Producers Under Public Utility Regulatory Policies Act (PURPA)) or the Cooperative Policy #321.

IV. INCENTIVE PROVIDED

A. Until June 30, 2023 (see *Appendix A for Rates*).

Small DG Incentive is equal to the greater of:

(1) (Small DG monthly production – monthly member consumption) x
PPI’s On Peak Energy Charge Rate

Or

(2) Zero.

In the event the meter registers a flow of electric energy out of a single, specified service metering point in an amount greater than 50 kWh during any clock-hour, 50 kWh shall be used for that clock-hour rather than any amounts greater than 50 kWh.

B. Beginning July 1, 2023 (see Appendix A for Rates).

Small DG Incentive Rate =

$$((5 \times \text{PPI's On Peak Energy Charge Rate}) + (2 \times \text{PPI's Energy Charge Rate}))$$

$$\text{divided by } 7$$

Small DG Incentive shall be calculated as follows:

kWh per month produced by the Small DG which are in excess of the Member's electric consumption, received by the Cooperative and registered and recorded by the Cooperative's retail service meter x Small DG Incentive Rate

Any mid-year change in the value of PPI's five weekday On Peak Energy Charge Rate, PPI's two weekend-day Energy Charge Rate, or both, shall be implemented for the entirety of the billing period month in which the change was adopted and made effective by PPI.

In the event the meter registers a flow of electric energy out of a single, specified service metering point in an amount greater than 50 kWh during any clock-hour, then 50 kWh shall be used for that clock-hour rather than any amounts greater than 50kWh.

V. LIMITATIONS OF INCENTIVE

Nothing in this Small DG Incentive Policy eliminates or reduces any payment, fee, cost, requirement, process, program, service, or arrangement with any person or entity whether it be PPI, the Cooperative, a Member, MISO, a governmental or regulatory authority, or a utility regarding any aspect of the Small DG, such as interconnection, maintenance, registration, operation, or service.

Any credit to an eligible Member under this policy shall only be applied to offset no more than the electric energy (kWh) cost delivered to the eligible Member. No part of such credit shall be applied to, and the eligible Member shall remain responsible for, (a) taxes, fees, and other charges that would otherwise be applicable, and (b) other charges to the eligible Member under any Cooperative policy, bylaws, rules, regulations, or rates, that are not based on a unitized charge per kilowatt-hour, including, but not limited to, basic service charges, facilities charges, demand charges, or transformation charges. The Member will always be required to pay these charges to stay connected to the Cooperative's distribution system.

VI. PROVISIONS

An eligible Member shall first comply with the provisions of Cooperative Policy #307 for Interconnection. Application for the Small DG Incentive shall be submitted to the Cooperative. The application shall specify basic information about the Small DG, including but not limited to the Nameplate Rating, location, and specify a single metering point. The Cooperative shall provide such information to PPI.

VII. METERING

Metering equipment capable of measuring the flow of electric energy both into and out of the Member's single, specified service metering point and recording the flow of energy in both directions shall be required. Recording the flow of energy in both directions on a clock-hour basis is preferred. If the existing retail service meter is not capable of meeting these requirements, or if the Member requests additional metering, the cost of installing and maintaining a retail service meter having the capability or an additional meter shall be paid by the Member.

Energy produced at a location other than the single specified service metering point where the Small DG is connected to and operating on the eligible Member's low-voltage electric premises wiring associated with the specified service metering point, shall not qualify for Small DG Incentive under this policy.

VIII. METER DATA REPORTING REQUIREMENTS

The Cooperative shall report in electronic format to PPI each month certain information required by PPI, including but not limited to, the total number of Members taking service under this Policy, the electrical size and type of Small DG system, and the aggregate amounts of excess electricity metered and recorded during the billing period. PPI requests the Cooperative to provide hourly meter data, where available, to allow for better analysis on the value and impact of Small DG with respect to market energy prices.

IX. TRANSACTION ACCOUNTING

- A. In the event the Cooperative receives any excess electricity produced and makes use of such for meeting the native load requirements of its Members, then:
 - 1. The Cooperative shall be solely responsible for payment of the Small DG Incentive to the member under this Policy in the form of a bill credit, and

2. The Cooperative will not be charged by PPI for the supply and delivery of the equivalent amount of excess electricity.
- B. To the extent this Policy results in reduced kilowatt-hour sales and reduced net aggregate electrical demand supplied and delivered, then any uncompensated costs incurred by PPI shall be socialized across all PPI Members in accordance with existing practices and provisions of the Wholesale Power Contract.

X. TERMS OF INCENTIVE

- A. If the Cooperative receives excess electric energy from the Member under this Policy, then it shall not be deemed to violate the all-requirements provisions of the Wholesale Power Contract, if all of the following occur:
- There is full compliance with the requirements and limitations set forth in this Policy;
 - The Cooperative installs and maintains metering equipment capable of measuring the flow of electric energy both into and out of the Member's single, specified service metering point and recording the flow of energy in both directions;
 - The Cooperative provides aggregate meter data and other required information to PPI;
 - The Cooperative calculates and pays the Small DG Incentive to the Member in the form of a bill credit.
 - Any excess bill credit balance shall not be carried over at the end of the calendar year, but shall be paid to the member in the form of a check.
- B. The Small DG Incentive provided under this Policy is available until December 31, 2024, unless terminated earlier or unless terminated by PPI. On or before December 31, 2023, PPI shall revisit this Policy to decide whether to extend it, modify it, or allow it to expire.

XI. Revision of Policy

This Policy and its terms and conditions may only be adjusted or changed with approval from PPI and Shelby Electric Cooperative.

Adopted: February 22, 2022

Amended: August 23, 2022

Amended: October 25, 2022

Amended: April 25, 2023

Amended: June 27, 2023

Amended: August 22, 2023

Appendix A
PPI's Rates

Scheduled Start Date	Scheduled End Date	On Peak Energy Charge Rate (\$/kWh)	Energy Charge Rate (\$/kWh)	Small DG Incentive Rate (\$/kWh)
03/01/2023	6/30/2023	\$0.03841	n/a	\$0.03841
07/01/2023	12/31/2023	\$0.03841	\$0.02841	\$0.03555
01/01/2024	12/31/2024	TBD	TBD	TBD