

Community Solar Program

Manitowoc Public Utilities (MPU) partnered with a developer to install a 1,500 KW solar generation facility as a way for customers to experience the benefits of solar generation.



Program Details

MPU's Community Solar Program is unique to Wisconsin. The tariff is a voluntary pay-as-you-go structure giving customer's the opportunity to experience the benefits of solar generation without the upfront cost of rooftop solar panels.

- This program is available to all good-standing customers on a first-come, first-serve basis.
- Blocks are available for subscription in 1 KW increments up to 20 KW.
- This is a 20-year project. Customers are expected to commit to the program for the remaining life of the project, however, a customer may voluntarily terminate participation with payment of a termination fee in the amount of \$20 plus \$20 per KW block subscribed.
- The project is paid for by the program participants therefore a project charge line item will be added to each participant's monthly bill. The monthly allocation of energy from the facility will be multiplied by the project rate of \$0.0672.
- Participants will receive a base credit line item. Depending on the subscription amount, the participant will receive a credit per kWh up to the usage that billing period. The credit rate will match the participant's electric rate. If this rate increases, so will the credit rate. See the back for more line item details.

Whether you live in an apartment or are the owner of a small business, you can participate in this program.

For more details or to inquire about signing up for the program, call 920-683-4600 or visit www.MPU.org.



What will my bill look like?

Once enrolled, you will begin to see additional line items on your utility bill. Each line item serves a different purpose. Below are explanations listed for each item. **Please note: this is only a sample bill.** The participation level, household usage, and generation will all vary from account to account. For further explanation about your specific bill, please contact customer service at **920-683-4600.**

| Customer Name | | Manitowoc Public Utilities | | For Billing Information, Call 920-683-4600 | | | | | |
|-----------------------------------|-------------|---|----------------|---|--------------------------------|------------|------------|-------------|----------|
| CUSTOMER NAME | | 1303 S. 8th Street, Manitowoc WI 54220 | | Visit our Website at www.mpu.org | | | | | |
| | | | | **Estimated Bill | | | | | |
| Customer # | Account # | Service Address | Cycle | Book | Bill Date | Due Date | Amount Due | | |
| 123456 | 123456 | 1234 SOLAR STREET | 03 | 0042 | 04/30/2024 | 05/21/2024 | 418.44 | | |
| | | Previous | | Current | | | | | |
| Service | Meter # | Date | Reading | Date | Reading | Days | Multiplier | Consumption | Year Ago |
| Water | 000011111 | 03/29/2024 | 1,329.00 | 04/28/2024 | 1,335.00 | 30 | 1 | 6 | 7 |
| Electric | 12345678 | 03/29/2024 | 64,671.00 | 04/28/2024 | 65,536.00 | 30 | 1 | 865 | |
| Transaction Description | | | Amount | | Transaction Description | | | Amount | |
| Last Months Total Bill | | | 287.88 | | WWTF Flow | | | 12.24 | |
| Balance Forward | | | \$287.88 | | 6CCF @ \$2.0400 | | | \$29.66 | |
| | | | | | Total Sewer Charges | | | \$29.66 | |
| | | | | | Total Current Bill | | | \$130.56 | |
| | | | | | Total Amount Due by 05/21/2024 | | | \$418.44 | |
| Electric** | | | | | | | | | |
| Power Cost Adjustment | 865kWh | @ \$0.0002 | 0.17 | | | | | | |
| Rg-1 Consumed Energy | 865kWh | @ \$0.0930 | 80.45 | | | | | | |
| Rg-1 Public Benefits | 800kWh | @ \$0.0015 | 1.20 | | | | | | |
| Rg-1 Service Charge | 30 | @ \$0.3300 | 9.90 | | | | | | |
| Solar Garden Base Credit | 865kWh | @ \$-0.0930 | -80.45 | | | | | | |
| Solar Garden Excess Credit | 468kWh | @ \$-0.0455 | -21.27 | | | | | | |
| Solar Garden Project Charge | 1,333kWh | @ \$0.0672 | 89.58 | | | | | | |
| Solar Grdn Project Prod | 250,000 kWh | | | | | | | | |
| Solar Grdn Project Share | 0.00533 | | | | | | | | |
| Total Electric Charges | | | \$79.58 | | | | | | |
| Water** | | | | | | | | | |
| Consumed Tier 1 | 6CCF | @ \$1.9500 | 11.70 | | | | | | |
| Fd-1 Public Fire Protection - 3/4 | 1 | @ \$4.17 | 4.17 | | | | | | |
| Mg-1 Service Charge 3/4" Mete | 1 | @ \$5.45 | 5.45 | | | | | | |
| Total Water Charges | | | \$21.32 | | | | | | |
| Sewer | | | | | | | | | |
| Collection Base | 1 DWL | @ \$0.1230 | 3.69 | | | | | | |
| Collection Flow | 6CCF | @ \$0.9200 | 5.52 | | | | | | |
| WWTF Base | 1 DWL | @ \$0.2737 | 8.21 | | | | | | |
| Conservation Information | | | | | | | | | |
| | | This Year | Last Year | | | | | | |
| Days of Service | | 30 | 29 | | | | | | |
| Average Daily Temp | | 0 | 43 | | | | | | |
| Heating Degree Days | | 0 | 659 | | | | | | |
| Cooling Degree Days | | 0 | 9 | | | | | | |
| Electric kWh per day | | 28.8 | 29.8 | | | | | | |
| Water CCF per day | | 0.2 | 0.4 | | | | | | |

Line Item Breakdown

Electric**

| | | | |
|-------------------------------|-------------|-------------|----------------|
| Power Cost Adjustment | 865kWh | @ \$0.0002 | 0.17 |
| Rg-1 Consumed Energy | 865kWh | @ \$0.0930 | 80.45 |
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| Solar Garden Project Charge | 1,333kWh | @ \$0.0672 | 89.58 |
| Solar Grdn Project Prod | 250,000 kWh | | |
| Solar Grdn Project Share | 0.00533 | | |
| Total Electric Charges | | | \$79.58 |

Total Project Calculation:

-\$80.45

+

-\$21.27

+

\$89.58

=

-\$12.14 Net Credit

Solar Garden Base Credit

This line item will be your base credit. Depending on your subscription, you will receive a credit per kWh up to your usage that billing period. The credit rate will match your electric rate. If the electric rate increases, so will the credit rate.

Solar Garden Excess Credit

If your solar garden subscription exceeds your electric usage during a billing period, you will see excess credit in this line item. The credit per kWh is less than the base credit so it is best to align your subscription amount as close to your average usage as possible to avoid unnecessary excess credit. This rate is updated annually.

Solar Garden Project Charge

This line item reflects the cost of the community solar facility. The project rate is \$0.0672/kWh. Your monthly allocation of energy from the facility will be multiplied by this rate, resulting in a charge.

Solar Garden Project Production

This line item reflects the generation of the solar garden in its entirety. This is listed only for reference and there are no charges or credits related to it. This will vary month to month as generation increases and decreases.

Solar Garden Project Share

This is your subscription fraction. This will not change unless you alter your subscription.