

Topic: Renewable Energy Metering
Resource Type: Regulations
State: Ohio
Jurisdiction Type: Municipal
Municipality: Village of Yellow Springs
Year (adopted, written, etc.): 1998
Community Type - applicable to: Suburban; Rural
Title: Village of Yellow Springs Renewable Energy Metering Ordinance
Document Last Updated in Database: April 6, 2017

Abstract

The goal of this ordinance is to offset electrical retail rates for residential and commercial users with electricity generated from solar and/or wind power.

Resource

CHAPTER 1042

Electricity; Municipal Light and Power

1042.01 Electric service charges.

CROSS REFERENCES

Maintenance of electrical wires - see Ohio R.C. 715.27

Electric light and power in villages - see Ohio R.C. 735.28 et seq.

Electrical rates regulated by Council - see Ohio R.C. 743.26, 743.28

Interference with other lines in erection of poles and wires forbidden - see Ohio R.C. 4931.07

Tampering with electrical wires - see Ohio R.C. 4933.21

Prosecutions for theft of utilities - see GEN. OFF. 672.06

Electrical signs - see P. & Z. 1276.02

National Electrical Code - see B. & H. Ch. 1424

Electrical wiring - see B. & H. Ch. 1448

1042.01 ELECTRIC SERVICE CHARGES.

(a) Residential Electric Rate; Rate Number One.

(1) Availability. This rate is available to all single-family residential units and single apartment units located within the Village's service area for all uses.

(2) Type of service. Single-phase, sixty hertz, at seller's standard secondary voltages. Net metering (an interactive interconnection between the Village's utility system and the consumer's electric service panel using a standard kilowatt hour meter capable of registering the flow of electricity in both directions) is allowed when on-site generating capacity does not exceed 25 KW (kilowatts) and is derived from solar and/or wind power.

(3) Billable KWH (kilowatt hours). If the current meter reading is less than or equal to the highest previous meter reading, there are no billable KWH for the current month. Otherwise, the difference between the current meter reading and the highest previous meter reading is the billable KWH.

(4) Net rate - monthly (based on billable KWH).

101 to 500 KWH @ 7¢ per KWH

501 to 1600 KWH @ 6¢ per KWH

All over 1600 KWH @ 5¢ per KWH

(5) Delayed payment charge - gross. Five percent shall be added to the net bill if service charges are not paid by the fifteenth day of the month of rendition of the bill for such service.

(6) Monthly minimum charge. Ten dollars (\$10.00) net per month, which shall include payment for the first 100 KWH or portion thereof, and subject to the delayed payment charge.

(7) Wholesale power cost adjustment. Billing for energy delivered under this schedule will be adjusted up or down by the amount, to the nearest 0.01 cent, by which the Village's latest monthly cost of purchased power exceeds or is less than 3.90 cents per kilowatt hour.

(b) Commercial Lighting and Power Rate; Rate Number Two.

(1) Availability. This rate is available to all users within the Village's service area with a required capacity of less than fifty KW for all uses.

(2) Type of service. Single-phase or three-phase, sixty hertz, at seller's standard secondary voltages. Net metering (an interactive interconnection between the Village's utility system and the consumer's electric service panel using a standard kilowatt hour meter capable of registering the flow of electricity in both directions) is allowed when on-site generating capacity does not exceed 25 KW (kilowatts) and is derived from solar and/or wind power.

(3) Billable KWH (kilowatt hours). If the current meter reading is less than or equal to the highest previous meter reading, there are no billable KWH for the current month. Otherwise, the difference between the current meter reading and the highest previous meter reading is the billable KWH.

(4) Net rate - monthly (based on billable KWH).

101 to 1000 KWH @ 7¢ per KWH

1001 to 3200 KWH @ 6¢ per KWH

All over 3200 KWH @ 5.5¢ per KWH

(5) Delayed payment charge - gross. Five percent shall be added to the net bill if service charges are not paid by the fifteenth day of the month of rendition of the bill for such service.

(6) Monthly minimum charge. Fifteen dollars (\$15.00) net per month, which shall include payment for the first 100 KWH, or portion thereof, used each month, and subject to the delayed payment charge.

(7) Wholesale power cost adjustment. Billing for energy delivered under this schedule will be adjusted up or down by the amount, to the nearest 0.01 cent, by which the Village's latest monthly cost of purchased power exceeds or is less than 3.90 cents per kilowatt hour.

(c) Large Power Rate; Rate Number Three.

(1) Availability. This rate is available to all consumers within the Village's service area for all uses.

(2) Type of service. Three-phase, sixty hertz, at seller's standard secondary voltages. Net metering (an interactive interconnection between the Village's utility system and the consumer's electric service panel using a standard kilowatt hour meter capable of registering the flow of electricity in both directions) is allowed when on-site generating capacity does not exceed 25 KW (kilowatts) and is derived from solar and/or wind power.

(3) Billable KWH (kilowatt hours). If the current meter reading is less than or equal to the highest previous meter reading, there are no billable KWH for the current

month. Otherwise, the difference between the current meter reading and the highest previous meter reading is the billable KWH.

(4) Net rate - monthly.

A. Demand Charge: \$6.50 per KVA

B. Energy Charge: 3.9¢ per KWH (based on billable KWH)

(5) Delayed payment charge. Five percent shall be added to the net bill if service charges are not paid by the fifteenth day of the month of rendition of the bill for such service.

(6) Wholesale power cost adjustment. Billing for energy delivered under this schedule will be adjusted up or down by the amount, to the nearest 0.01 cent, by which the Village's latest monthly cost of purchased power exceeds or is less than 3.90 cents per kilowatt hour.

(7) Measurement of energy and determination of billing capacity. Energy supplied under this schedule will be delivered through not more than one polyphase meter. The billing capacity shall be the highest average KVA used by the consumer for any period of thirty consecutive minutes during the month for which the billing is rendered.

(8) Delivery voltage - optional primary voltage delivery. The consumer may, at his or her option, choose to accept delivery at an available primary transmission or distribution voltage. In this case the consumer shall, at his or her expense, own, operate and maintain all transformers and/or other apparatus needed for his or her utilization of the delivered primary voltage. When primary delivery is accepted, the total bill as computed in this schedule will be adjusted by multiplying it by 0.91.

(9) Metering voltage - optional metering at other than delivery voltage. Service will normally be metered at the delivery voltage. The seller reserves the option of metering on the primary for secondary delivery or metering on the secondary for primary delivery and adjusting the metered energy to correct for transformer losses.

A. In case of primary metering for secondary delivery, the metered KWH shall be multiplied by 0.95.

B. In case of secondary metering for primary delivery, the metered KWH shall be divided by 0.95.

(10) Term of contract. Contracts will be made for a period of five years with self renewal provisions for successive periods of one year each until either party shall give at least thirty days written notice to the other of the intention to terminate the contract at the end of the yearly period.

(d) Private Outdoor Lighting Rate; Rate Number Four.

(1) Residential yard lights.

A. Availability. This rate is available for all-night outdoor lighting service for rear yards only to all residential electric customers where such service can be supplied by the installation of lighting fixtures supplied directly from existing secondary circuits.

B. Net Rate. For each lamp with luminaire, controlled automatically, and where an arm of not over six feet in length is required:

175 Watt Mercury \$4.90 per month

250 Watt Mercury \$5.50 per month

(2) Commercial-industrial-institutional yard lights.

A. Availability. This rate is available for all-night outdoor lighting service for the lighting of driveways, parking lots and other outdoor areas on private property to all commercial-industrial- institutional electric customers where such service can be supplied by the installation of lighting fixtures supplied directly from existing secondary circuits.

B. Net Rate. For each lamp with luminaire, controlled automatically, and where an arm of not over six feet in length is required:

250 Watt Mercury \$5.50 per month

400 Watt Mercury \$7.00 per month

Larger sizes, special ornamental fixtures and poles by special arrangements and contract.

(3) Installation.

A. Fixtures. Fixture(s), including lamp, luminaire and arm, if required, will be installed in accordance with the customer's designation or design, subject to the concurrence of the Village.

B. Rate.

Each fixture \$30.00

Poles and wire will be billed at the Village's cost at the time of installation.

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(4) Payment.

A. Bills for installation charges will be rendered separately and are due and payable within fifteen calendar days of rendition (mailing date).

B. Bills for service under this schedule are made a part of billings for other utility services, are due and payable at the same time, and are subject to a five percent delayed payment charge if not paid by the fifteenth day of the month of rendition.

(5) Term of contract. A utility service contract is required for this service with a fixed term of not less than two years, and for such time thereafter until terminated by either party giving thirty days written notice to the other.

(6) Terms and conditions. All equipment shall be owned by the Village. The Village will maintain the equipment and replace defective lamps. All service and necessary maintenance will be performed only during the regular working hours of the Village. The Village does not guarantee continuous lighting and shall not be liable to the consumer or anyone else for any damage, loss or injury resulting from any interruption in such lighting due to any cause. The Village shall be allowed forty-eight hours after notification by the customer to replace defective lamps. All lamps shall burn from dusk to dawn, burning approximately 4100 hours per annum.

(e) Backup Power Generation Credit.

(1) Availability. The backup power generation credit is available to all consumers within the Village's service area for all users who:

A. Are currently taking service from the Village and are not located in a residential district;

B. Have the ability to generate power through the use of their own natural gas fired generation equipment (existing equipment is exempted); or

C. Are not delinquent in payment on their Village utility account.

(2) Type of service. Single-phase or three-phase, sixty hertz, at seller's standard secondary voltages.

(3) Monthly credit. Consumers who contract with the Village for the backup power generation credit shall receive a monthly credit based upon the following two components:

A. Available KW capacity of customer's generator credited at \$2.00/KW/month; and

B. Any KWH generated through the operation of the generator, only when requested by the Village, credited pursuant to the following formula:

$(\$0.15/\text{KWH}) \times (\text{the KW output of the generator}) \times (\text{the number of hours of operation per month}).$

(4) Consumers who opt for this credit must provide all fuel costs and maintenance costs for the generator. Consumers are not allowed to sell the power generated by such generator to anyone else.

(5) The Village will not be required to pay for power generation in any hour that it has not requested a customer to generate such power. Only those customers who contract for the KW credit are obligated to run such power generation any time, upon request of the Village.

(Ord. 98-6. Passed 9-8-98.)