



Public Service Commission of Wisconsin

Eric Callisto, Chairperson
Mark Meyer, Commissioner
Lauren Azar, Commissioner

610 North Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

February 16, 2010

Mr. Scott Jelle, Public Works/Utility Superintendent
New Glarus Light & Water
P. O. Box 206
New Glarus, WI 53574-0206

Re: New Electric Tariffs (PCAC Roll-in) – Amendment 44

File 4100

Dear Mr. Jelle:

This is in response to the request by New Glarus Light & Water Municipal Electric Utility (New Glarus) to change its electric rate tariffs to incorporate a portion of the Power Cost Adjustment Clause (PCAC) into base rates. The request was filed on December 4, 2009, and identified as ERF #124234.

The Public Service Commission of Wisconsin (Commission) staff reviewed New Glarus' latest 12 months of purchased power costs, retail sales, and the resulting PCACs and determined that it is appropriate to roll \$0.0134 per kWh from New Glarus' PCAC into its electric base energy charges.

Commission staff has prepared new electric rate tariff sheets that increase the energy charges for all classes of service by \$0.0134 per kWh, and also increase the PCAC "base cost of power" by the same amount. As a result of this change the utility will collect more from its base rates and less from its PCAC. The overall revenue that New Glarus Light & Water collects from its customers will be approximately the same. However, any primary metered customers will see slightly lower bills because the primary discount now applies to the \$0.0134 per kWh that was rolled into the base rates.

The new tariff sheets are effective for service on and after March 1, 2010. These tariff sheets have been placed on file at the Commission under Amendment 44. This filing is made with the understanding that it does not result in an unauthorized rate increase or service restriction. A copy is enclosed for the utility. The utility's current electric rates and rules must be available for public inspection and review at the utility's office(s) and all bill payment stations, pursuant to Wis. Admin. Code § PSC 113.0501. The utility should mark the old tariff sheets as superseded and keep them in a separate file. The utility must keep a file of its previous rates and rules permanently, pursuant to Wis. Admin. Code § PSC 113.0614.

If you have questions about the new electric rates, please feel free to contact me by telephone at (608) 267-5111 or by e-mail at Jerry.Albrecht@wisconsin.gov.

Sincerely,

/s/ Jerry Albrecht

Jerry Albrecht
Senior Rate Engineer
Gas and Energy Division

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Enclosure

cc: Mallory Stanford, WPPI Energy
Tim Ament, WPPI Energy

RATE FILE

Sheet No. 1 of 1

Schedule No. PCAC

Public Service Commission of Wisconsin

Amendment No. 44

NEW GLARUS LIGHT & WATER WORKS

Power Cost Adjustment Clause

All metered rates shall be subject to a positive or negative power cost adjustment charge equivalent to the amount by which the current cost of power (per kilowatt-hour of sales) is greater or lesser than the base cost of power purchased (per kilowatt-hour of sales).

The current cost per kilowatt-hour of energy billed is equal to the cost of power purchased for the most recent month, divided by the kilowatt-hours of energy sold. The monthly adjustment (rounded to the nearest one one-hundredth of a cent) is equal to the current cost less the base cost. The base cost of power (U) is \$0.0721 per kilowatt-hour.

Periodic changes shall be made to maintain the proper relative structure of the rates and to insure that power costs are being equitably recovered from the various rate classes. If the monthly adjustment (A) exceeds \$0.0150 per kilowatt-hour, for more than three times in a 12-month period (current plus preceding 11-months), the company shall notify the Public Service Commission of Wisconsin separate from its monthly PCAC report of the need to evaluate a change in rates to incorporate a portion of the power cost adjustment into the base rates.

For purposes of calculating the power cost adjustment charge, the following formula shall be used:

$$A = \frac{C}{S} - U$$

- A is the power cost adjustment rate in dollars per kilowatt-hour rounded to four decimal places applied on a per kilowatt-hour basis to all metered sales of electricity.
- S is the total kilowatt-hours sold during the most recent month.
- U is the base cost of power, which equals the average cost of power purchased per kilowatt-hour of sales for the test year period. This figure remains constant in each subsequent monthly calculation at \$0.0721 per kilowatt-hour until otherwise changed by the Public Service Commission of Wisconsin.
- C is the cost of power purchased in dollars in the most recent month. Cost of power purchased for calculation of C are the monthly amounts which would be recorded in the following account of the Uniform System of Accounts:

Class A & B utilities	Account 555
Class C utilities	Account 545
Class D utilities	Account 540

EFFECTIVE: March 1, 2010
PSCW AUTHORIZATION: Letter dated February 16, 2010

RATE FILE

Sheet No. 1 of 1

Schedule No. Rg-1

Public Service Commission of Wisconsin

Amendment No. 44

NEW GLARUS LIGHT & WATER WORKS

Residential Service

Application: This rate will be applied to residential single-phase customers for ordinary household purposes. Single-phase motors may not exceed 5 horsepower individual-rated capacity without utility permission.

Customers who do not meet these criteria will be served under the applicable rate.

Customer Charge: \$7.00 per month.

Energy Charge: \$0.1028 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Minimum Monthly Bill: The minimum monthly bill shall be the customer charge.

Prompt Payment of Bills: A charge of 3 percent but not less than 50 cents will be added to bills not paid within 20 days from date of issuance. A late payment charge shall be applied only once to any given amount outstanding. This charge is applicable to all customers.

EFFECTIVE:

March 1, 2010

PSCW AUTHORIZATION:

Letter dated February 16, 2010

RATE FILE

Sheet No. 1 of 1

Schedule No. Gs-1

Public Service Commission of Wisconsin

Amendment No. 44

NEW GLARUS LIGHT & WATER WORKS

General Service

Application: This rate will be applied to single and three-phase customers. This includes commercial, institutional, government, farm, and other customers. The monthly Maximum Measured Demand of customers served on this rate shall not exceed 50 kilowatts for three or more months in a consecutive 12-month period.

Gs-1 customers shall be transferred into the appropriate demand class as soon as the application conditions of that class have been met.

Customer Charge:

Single-phase: \$7.00 per month.

Three-phase: \$15.00 per month.

Energy Charge: \$0.1028 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Minimum Monthly Bill: The minimum monthly bill shall be the customer charge.

Prompt Payment of Bills: Same as Rg-1.

Farm Customer: Defined as a person or organization using electric service for the operation of an individual farm, or for residential use in living quarters on the farm occupied by persons principally engaged in the operation of the farm and by their families. A farm is a tract of land used to raise or produce agricultural and dairy products, for raising livestock, poultry, game, fur-bearing animals, or for floriculture, or similar purposes, and embracing not less than 3 acres; or, if small, where the principal income of the operator is derived therefrom. (Otherwise, the service used for residential purposes is classed as residential, and that used for commercial is classed as general service.)

Determination of Maximum Measured Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in 15 consecutive minutes of greatest consumption of electricity during each month. Such Maximum Measured Demand shall be determined from readings of permanently installed meters or, at the option of the utility, by any standard methods or meters. Said demand meter shall be reset to zero when the meter is read each month.

EFFECTIVE:

March 1, 2010

PSCW AUTHORIZATION:

Letter dated February 16, 2010

RATE FILE

Sheet No. 1 of 2

Schedule No. Cp-1

Public Service Commission of Wisconsin

Amendment No. 44

NEW GLARUS LIGHT & WATER WORKS

Small Power Service

Application: This rate will be applied to customers for all types of service if their monthly Maximum Measured Demand is in excess of 50 kilowatts (kW) per month for three or more months in a consecutive 12-month period, unless the customer exceeds the application conditions of the large power time-of-day schedule.

Customers billed on this rate shall continue to be billed on this rate until their monthly Maximum Measured Demand is less than 50 kW per month for 12 consecutive months. The utility shall offer customers billed on this rate a one-time option to continue to be billed on this rate for another 12 months if their monthly Maximum Measured Demand is less than 50 kW per month. However, this option shall be offered with the provision that the customer waives all rights to billing adjustments arising from a claim that the bill for service would be less on another rate schedule than under this rate schedule.

Customer Charge: \$50.00 per month.

Distribution Demand Charge: \$1.50 per kW of distribution demand.

Demand Charge: \$7.00 per kW of billed demand.

Energy Charge: \$0.0612 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Prompt Payment of Bills: Same as Rg-1.

Minimum Monthly Bill: The minimum monthly bill shall be equal to the customer charge, plus the distribution demand charge.

(Continued on next page)

EFFECTIVE: March 1, 2010
PSCW AUTHORIZATION: Letter dated February 16, 2010

RATE FILE

Sheet No. 2 of 2

Schedule No. Cp-1

Public Service Commission of Wisconsin

Amendment No. 44

NEW GLARUS LIGHT & WATER WORKS

Small Power Service (continued)

Discounts: The monthly bill for service will be subject to the following discounts applied in the sequence listed below.

Primary Metering Discount: Customers metered on the primary side of the transformer shall be given a 2.00 percent discount on the monthly energy charge, distribution demand charge, and demand charge. The PCAC and the monthly customer charge will not be eligible for the primary metering discount.

Transformer Ownership Discount: Customers who own and maintain their own transformers or substations shall be given a credit of \$0.20 per kW of distribution demand. Customer-owned substation equipment shall be operated and maintained by the customer. Support and substation equipment is subject to utility inspection and approval.

Determination of Maximum Measured Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in 15 consecutive minutes of greatest consumption of electricity during each month. Such Maximum Measured Demand shall be determined from readings of permanently installed meters or, at the option of the utility, by any standard methods or meters. Said demand meter shall be reset to zero when the meter is read each month.

Determination of Distribution Demand: The Distribution Demand shall be the highest monthly Maximum Measured Demand occurring in the current month or preceding 11-month period.

Determination of Billed Demand: The Billed Demand shall be the Maximum Measured Demand.

EFFECTIVE: March 1, 2010
PSCW AUTHORIZATION: Letter dated February 16, 2010

RATE FILE

Sheet No. 1 of 2

Schedule No. Cp-2

Public Service Commission of Wisconsin

Amendment No. 44

NEW GLARUS LIGHT & WATER WORKS

Large Power Time-of-Day Service

Application: This rate will be applied to customers for all types of service, if their monthly Maximum Measured Demand is in excess of 200 kilowatts (kW) per month for three or more months in a consecutive 12-month period.

Customers billed on this rate shall continue to be billed on this rate until their monthly Maximum Measured Demand is less than 200 kW per month for 12 consecutive months. The utility shall offer customers billed on this rate a one-time option to continue to be billed on this rate for another 12 months if their monthly Maximum Measured Demand is less than 200 kW per month. However, this option shall be offered with the provision that the customer waives all rights to billing adjustments arising from a claim that the bill for service would be less on another rate schedule than under this rate schedule.

Customer Charge: \$100.00 per month.

Distribution Demand Charge: \$1.50 per kW of distribution demand.

Demand Charge: \$8.00 per kW of on-peak billed demand.

Energy Charge: On-peak: \$0.0659 per kilowatt-hour (kWh).
Off-peak: \$0.0501 per kWh.

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Minimum Monthly Bill: The minimum monthly bill shall be equal to the customer charge, plus the distribution demand charge.

Prompt Payment of Bills: Same as Rg-1.

(Continued on next page)

EFFECTIVE: March 1, 2010
PSCW AUTHORIZATION: Letter dated February 16, 2010

RATE FILE

Sheet No. 2 of 2

Public Service Commission of Wisconsin

Schedule No. Cp-2

Amendment No. 44

NEW GLARUS LIGHT & WATER WORKS

Large Power Time-of-Day Service (continued)

Pricing Periods:

On-peak: 7:00 a.m. to 9:00 p.m., Monday through Friday, excluding holidays, specified below.

Off-peak: All times not specified as on-peak including all day Saturday and Sunday, and the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, or the day designated to be celebrated as such.

Discounts: The monthly bill for service will be subject to the following discounts applied in the sequence listed below.

Primary Metering Discount: Customers metered on the primary side of the transformer shall be given a 2.00 percent discount on the monthly energy charge, distribution demand charge, and demand charge. The PCAC and the monthly customer charge will not be eligible for the primary metering discount.

Transformer Ownership Discount: Customers who own and maintain their own transformers or substations shall be given a credit of \$0.20 per kW of distribution demand. Customer-owned substation equipment shall be operated and maintained by the customer. Support and substation equipment is subject to utility inspection and approval.

Determination of Maximum Measured Demand and On-peak Maximum Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in 15 consecutive minutes of greatest consumption of electricity during each month. Such Maximum Measured Demand shall be determined from readings of permanently installed meters or, at the option of the utility, by any standard methods or meters. Said demand meter shall be reset to zero when the meter is read each month. The Maximum Measured Demand that occurs during the On-peak period shall be the On-peak Maximum Demand.

Determination of Distribution Demand: The Distribution Demand shall be the highest monthly Maximum Measured Demand occurring in the current month or preceding 11-month period.

Determination of On-peak Billed Demand: The On-peak Billed Demand shall be the On-peak Maximum Demand.

EFFECTIVE: March 1, 2010
PSCW AUTHORIZATION: Letter dated February 16, 2010

RATE FILESheet No. 1 of 1Schedule No. Ms-1**Public Service Commission of Wisconsin**Amendment No. 44**NEW GLARUS LIGHT & WATER WORKS****Street Lighting Service**

Application: This schedule will be applied to municipal street lighting. The utility will furnish, install, and maintain street lighting units.

This rate schedule is closed to new mercury vapor lights.

Investment charges:

Overhead:

175 W MV	\$7.45 per lamp per month
100 W HPS	\$7.45 per lamp per month
250 W HPS	\$8.45 per lamp per month

Ornamental:

100 W MH*	\$4.35 per lamp per month
100 W MH	\$8.45 per lamp per month
150 W HPS*	\$4.35 per lamp per month
150 W HPS	\$7.95 per lamp per month
400 W HPS	\$9.20 per lamp per month
250 W MH	\$9.45 per lamp per month

Pole Charges:

Wood - Distribution Pole	\$ 2.00 per pole per month
Wood - Stand-Alone Pole	\$ 4.00 per pole per month
Aluminum Pole*	\$ 1.75 per pole per month
Aluminum Pole	\$10.25 per pole per month
Concrete Pole*	\$ 4.25 per pole per month
Concrete Pole	\$24.25 per pole per month
Fiberglass Pole	\$ 4.50 per pole per month
Steel Pole	\$13.40 per pole per month

* Poles/Fixtures that were contributed (80-87%) by the State of Wisconsin.

Energy Charge: \$0.0495 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Prompt Payment of Bills: Same as Rg-1.

Note: MV = Mercury Vapor
 MH = Metal Halide
 HPS = High Pressure Sodium

EFFECTIVE: March 1, 2010
 PSCW AUTHORIZATION: Letter dated February 16, 2010

Public Service Commission of Wisconsin

NEW GLARUS LIGHT & WATER WORKS

Security Lighting Service

Application: This schedule will be applied to security lighting. The utility will furnish, install, and maintain lighting units.

This rate schedule is closed to new mercury vapor lights.

Investment charge:

175 W MV	\$11.60 per lamp per month
100 W HPS	\$11.60 per lamp per month
250 W HPS	\$14.70 per lamp per month

Prompt Payment of Bills: Same as Rg-1.

Note: MV = Mercury Vapor
HPS = High Pressure Sodium

EFFECTIVE: May 20, 2006

PSCW AUTHORIZATION: Order in Docket 4100-ER-105, mailed May 18, 2006

Public Service Commission of Wisconsin

NEW GLARUS LIGHT & WATER

Commitment to Community Program Rider

Under provisions of 1999 Wisconsin Act 9 and 2005 Wisconsin Act 141, a municipal electric utility shall charge each customer a low-income assistance and energy efficiency fee. Fifty percent of the fees charged by the municipal utility shall be used for low-income assistance programs and the remainder will be used for energy efficiency programs. Low-income programs may include assistance to low-income households for weatherization and other energy conservation services, payment of energy bills or early identification or prevention of energy crises. Energy efficiency programs may include those programs designed to reduce the demand for natural gas or electricity or improving the efficiency of its use during any period.

Pursuant to Wis. Stats. §§ 16.957(5) and 196.374(7), each municipal electric utility must collect an average of \$16 per meter per year. The actual amount of fees paid by a customer cannot exceed the lesser of 3 percent of all other billed electric charges or \$750 per month. These fees are not subject to Gross Receipts or Sales Taxes. A municipal utility may determine the amount that a particular class of customers is required to pay and may charge different fees to different classes of customers.

New Glarus Light & Water, in compliance with these laws and, as of the "Effective Date" established below, has set the fees for each retail electric customer rate classification as follows:

Rg-1 Residential Service	\$0.001299 per kWh
Gs-1 General Service	\$0.001299 per kWh
Cp-1 Small Power Service	\$10.00 per customer per month
Cp-2 Large Power TOD Service	\$35.00 per customer per month
Ms-1 Street Lighting Service	\$0.001299 per kWh
Ms-2 Security Lighting Service	No charge

New Glarus Light & Water has elected to spend 100 percent of the low-income assistance and energy efficiency fees collected from its retail electric customers to support local Energy Efficiency and Low Income Commitment to Community Programs.

Questions regarding low-income assistance and energy efficiency fees or New Glarus Light & Water's Commitment to Community Programs should be directed to Michelle Roth at (608) 527-2913.

Public Service Commission of Wisconsin

NEW GLARUS LIGHT & WATER

Solar Renewable Energy Distributed Generation (Limited Participation)

Effective In

All territories served by the utility.

Availability

Available to customers who own small solar photovoltaic (PV) electric generating facilities that are approved by the Utility. Individual project nameplate rated capacity is limited to a maximum of 3.2 kW dc or the total PV generation nameplate capacity allowable under this tariff, whichever is less. Under this tariff, the total PV generation nameplate capacity for all the Utility's participating customers shall be limited to a maximum capacity of 2 kW dc or, provided that there is sufficient unsubscribed PV capacity available under WPPI Energy's Schedule for Purchase of Solar Photovoltaic Energy, the Utility's total PV generation nameplate capacity may be increased by an amount not to exceed 6 kW dc.

Rates:

1. Metering Charge: **\$1.00** per month. This is in addition to any customer charge applicable under the retail tariff the customer is currently receiving service under. A separate meter is required to measure the electricity produced by the customer.
2. Energy Purchase Rate: The Utility will purchase 100% of the generator output from the customer. The Utility will then resell the PV energy to WPPI Energy. The PV generator's output shall be measured separately from the customer's usage. The energy buy-back rate provided under this tariff shall be equal to WPPI Energy's wholesale PV energy buy-back rate as specified in WPPI Energy's Schedule for Purchase of Solar Photovoltaic Energy in effect at the time the customer enters into a buy-back contract with the Utility. The customer will receive a monthly credit on their electric utility bill for the energy sold to the Utility at the above rate. The Utility shall maintain copies of each revision of WPPI Energy's Schedule for Purchase of Solar Photovoltaic Energy with the Utility's authorized tariffs.

** \$.30/Kw By Back (Continued on next page)*

EFFECTIVE:

May 21, 2009

PSCW AUTHORIZATION:

Letter Dated May 19, 2009

Public Service Commission of Wisconsin

NEW GLARUS LIGHT & WATER

Solar Renewable Energy Distributed Generation (Limited Participation)

Customer Obligation:

See Wis. Admin. Code ch. PSC 119

Utility Obligations:

1. Metering Facilities: The Utility shall install appropriate metering facilities to record all flows of energy necessary to bill in accordance with the charges and credits of the rate schedule.
2. Notice to Communication Firms: The Utility shall notify telephone utility and cable television firms in the area when it knows that a customer-owned generating facility will be interconnected with its system. This notification shall be as early as practicable to permit coordinated analysis and testing in advance of interconnection if considered necessary by the electric or telephone utility or cable television firm.

Terms and Conditions:

1. Contract Requirement: A ten (10) year contract is required between the Utility and the participating customer. The contract shall specify the energy buy back rate and any safety, system protection, and power quality terms or rules with which the generator(s) must comply. WPPI Energy shall obtain full rights to and own all Renewable Energy Credits and Attributes generated by the project(s).
2. Interconnection Requirements: Generation facilities must meet the interconnection requirements of the "Rules for Interconnecting Distributed Generation Facilities" (Wis. Admin. Code ch. PSC 119). Interconnection of the generator will be at service voltage only.
3. Distribution Outages: Under certain conditions, the distribution system may experience a short term failure and may not be able to accept output from PV generators. These events occur periodically and there will be no compensation to the customer, by the Utility or WPPI Energy, for energy that cannot be delivered to the utility during distribution outages.

EFFECTIVE:

May 21, 2009

PSCW AUTHORIZATION:

Letter Dated May 19, 2009

Public Service Commission of Wisconsin

NEW GLARUS LIGHT AND WATER

Renewable Energy Rider

Availability: Service under this rider is available to all customers currently served under Rate Schedules Rg-1, Gs-1, Cp-1, Cp-2, Ms-1 and Ms-2. This rider allows customers the option of purchasing blocks of their energy from renewable resources.

Application: Renewable energy will be sold only in blocks of 300 kWh per month. Customers choosing to be served under this rider will pay the Block Charge for Renewable Energy in addition to their regular monthly charges under Rate Schedules Rg-1, Gs-1, Cp-1, Cp-2, Ms-1 and Ms-2. All of the provisions and charges of the current applicable rate, including the Power Cost Adjustment Clause, will apply to the customer's total energy usage. The charge for renewable energy will be as stated below:

Block Charge for Renewable Energy

\$3.00 per 300 kWh block of renewable energy per month

Special Terms and Provisions

1. Service under this rider may be limited at the sole discretion of the utility, based on the expected amount of renewable energy available, average monthly energy usage of the customer, bill payment and collection histories.
2. The customer may sign up for the program at any time and service will become effective at the beginning of the next full billing period, at which point the customer will be charged for the total number of blocks purchased. The Block Charge for Renewable Energy will not be prorated in the billing period in which a customer signs up for service under this rider.
3. If the customer uses less total energy than the number of blocks purchased in any given month, the customer will be charged for the total number of blocks purchased in that month.
4. The customer may cancel their service under this rider at any time, however any change in service will only become effective at the beginning of the next full billing period. The Block Charge for Renewable Energy will not be prorated in the billing period in which the customer cancels.
5. The utility shall have on file a copy of the latest Schedule for Renewable Energy Service from its wholesale supplier.

Public Service Commission of Wisconsin

NEW GLARUS LIGHT AND WATER

Industrial Renewable Energy Rider

Availability: Service under this rider is available to all customers currently served under Rate Schedules Cp-1 and Cp-2. This rider allows customers the option of purchasing blocks of their energy from renewable resources.

Application: Renewable energy will be sold only in blocks of 300 kWh per month with a minimum of 100 blocks per month. Customers choosing to be served under this rider will pay the Block Charge or Renewable Energy in addition to their regular monthly charges under Rate Schedules Cp-1 and Cp-2. All of the provisions and charges of the current applicable rate, including the Power Cost Adjustment Clause, will apply to the customer's total energy usage. The charge for renewable energy will be as stated below:

Block Charge for Renewable Energy

\$2.00 per 300 kWh block of renewable energy per month

Special Terms and Provisions

1. Service under this rider may be limited at the sole discretion of the utility, based on the expected amount of renewable energy available, average monthly energy usage of the customer, bill payment and collection histories.
2. The customer may sign up for the program at any time and service will become effective at the beginning of the next full billing period, at which point the customer will be charged for the total number of blocks purchased. The Block Charge for Renewable Energy will not be prorated in the billing period in which a customer signs up for service under this rider.
3. If the customer uses less total energy than the number of blocks purchased in any given month, the customer will be charged for the total number of blocks purchased in that month.
4. The customer may cancel their service under this rider at any time, however any change in service will only become effective at the beginning of the next full billing period. The Block Charge for Renewable Energy will not be prorated in the billing period in which the customer cancels.
5. The utility shall have on file a copy of the latest Schedule for Renewable Energy Service from its wholesale supplier.

Public Service Commission of Wisconsin

NEW GLARUS LIGHT & WATER WORKS

Other Charges and Billing Provisions

Budget Payment Plan: A budget payment plan, which is in accordance with ch. PSC 113, Wis. Adm. Code, is available from the utility. The utility does not use a fixed budget year. The utility will calculate the monthly budgeted amount by spreading the estimated annual bill over twelve months. The bill for the last month will include any end of year adjustments.

Reconnection Billing: All customers whose service is disconnected in accordance with the disconnection rules as outlined in Wis. Admin. Code ch. PSC 113, shall be required to pay a reconnection charge. The charge shall be **\$35.00** during regular office hours. After regular office hours the minimum reconnection charge of **\$35.00** applies plus any overtime labor costs, not to exceed a total maximum charge of **\$70.00**.

Reconnection of a Seasonal Customer's Service: Reconnection of a service for a seasonal customer who has been disconnected for less than one year shall be subject to the same reconnection charges outlined above. A seasonal customer shall also be charged for all minimum bills that would have been incurred had the customer not temporarily disconnected service.

Insufficient Fund Charge: A **\$20.00** charge will be applied to the customer's account when a check rendered for utility service is returned for insufficient funds. This charge may not be in addition to, but may be inclusive of, the water utility's insufficient fund charge when the check was for payment of both electric and water service.

Average Depreciated Embedded Cost: The embedded cost of the distribution system (excluding the standard transformer and service facilities), for each customer classification, is determined based on methodology authorized by the Public Service Commission of Wisconsin, and described in the utility's Electric Rules. The average depreciated embedded cost by customer classification is as follows:

Residential Service: **\$581.00**.

Apartment and Rental Units Separately Metered: **\$581.00** per unit metered.

Subdividers and Residential Developers: **\$581.00** per unit.

General Service: (Including Multi-Unit Dwellings If Billed on One Meter): **\$1,742.00**.

Power Service: **\$103.00** per kW (Cp-1) and **\$90.70** per kW (Cp-2), of average billed demand.

Street Lighting: **\$5.75**.

EFFECTIVE: May 20, 2006

PSCW AUTHORIZATION:

Order in Docket 4100-ER-105, mailed May 18, 2006

Public Service Commission of Wisconsin**NEW GLARUS LIGHT & WATER WORKS****Parallel Generation (20 kW or less) -- Net Energy Billing**1. Effective In

All territories served by the utility.

2. Availability

Available for single-phase and three-phase customers where a part or all of the electrical requirements of the customer are supplied by the customer's generating facilities, where such facilities have a total generating capability of 20 kW or less, where such facilities are connected in parallel with the utility and where such facilities are approved by the utility.

3. Rate

The customer shall be billed monthly on a net energy basis and shall pay the fixed charge and energy charge specified in the rate schedule under which he is served. If, in any month, the customer's bill has a credit balance of \$25 or less, the amount shall be credited to subsequent bills until a debit balance is reestablished. If the credit balance is more than \$25, the utility shall reimburse the customer by check upon request. Monthly credits shall be computed by taking the net excess kilowatt-hours produced times the sum of the applicable energy charge plus monthly power cost adjustment clause (PCAC).

4. Metering and Services Facilities

A customer who is served under a regular rate schedule shall have any ratchet and/or other device removed from his meter to allow reverse power flow and measurement of net energy used. Customers eligible for net energy billing but with existing metering facilities equipped with ratchets or other devices preventing reverse registration (i.e. time-of-use metering facilities) may request that the utility install the necessary metering to permit such billing.

5. Customer Obligation

See Pgs-2 Sections 10 and 11.

Public Service Commission of Wisconsin

NEW GLARUS LIGHT & WATER WORKS

Customer-Owned Generation Systems (Greater than 20 kW)

1. Effective In

All territories served by the utility

2. Availability

Available for single-phase and three-phase customers where a part or all of the electrical requirements of the customer are supplied by the customer's generating facilities, where such facilities have a total generating capability of greater than 20 kW and less than or equal to 100 kW, where such facilities are connected in parallel with the utility. Customers not desiring to sell energy under this rate have the right to negotiate a buy-back rate.

The energy rate indicated below is the minimum for electrical energy. Customers with generating facilities greater than 100 kW can negotiate a buy-back rate. Should the utility be unwilling to pay the minimum rate for electrical energy, the utility shall agree to transport such electrical energy to another utility that will pay such minimum rate. The utility shall recover actual costs of such transportation from the generating customer.

3. Rate

Customers shall receive monthly payments for all electricity delivered to the utility and shall be billed by the utility for metering and associated billing expenses specified in the latest rates of the wholesale supplier unless the latest rates of the wholesale supplier do not properly reflect avoided costs. In such event, the Commission, upon request, may determine appropriate rates. The utility shall have on file a copy of the latest customer-owned generation system rates for its wholesale supplier.

4. On-Peak and Off-Peak Hours and Holidays

On-peak and off-peak hours and holidays are those specified in the wholesale suppliers latest rates.

5. Minimum Charge

The monthly minimum charge paid by the customer shall be the customer charge.

6. Power Factor

The customer shall operate on a net power factor of not less than 90 percent.

Public Service Commission of Wisconsin

NEW GLARUS LIGHT & WATER WORKS

Customer-Owned Generation Systems (Greater than 20 kW) continued

7. Negotiated Rates

Customers with generation systems greater than 100 kW can negotiate a buy-back rate.

Customers with generation systems greater than 20 kW and less than or equal to 100 kW have the right to negotiate a buy-back rate. The buy-back rate cannot be greater than the full avoided cost.

The following are the required procedure guidelines:

- a. The utility must respond to the customer-owned generating system within 30 days of the initial written receipt of the customer-owned generating system proposal and within 30 days of receipt of a subsequent customer-owned generating system proposal,
- b. The utility's rejection of the customer-owned generating system proposal must be accompanied by a counter-offer relating to the specific subject matter of the customer-owned generating system proposal, and
- c. If the utility is unable to respond to the customer-owned generating system proposal within 30 days it shall inform the customer-owned generating system of:
 - 1) Specific information needed to evaluate the customer-owned generating system proposal.
 - 2) The precise difficulty encountered in evaluating the customer-owned generating system proposal.
 - 3) The estimated date that it will respond to the customer-owned generating system proposal.
- d. The Commission may become involved in the utility negotiations upon showing by either utility or the customer-owned generating system that a reasonable conclusion cannot be reached under the above guidelines. The Commission may provide a waiver to the guidelines and order new negotiation requirements so that a reasonable conclusion can be reached.
- e. A copy of all negotiated buy-back rates shall be sent to the Commission. These rates shall not be effective until the contract is placed on file at the Commission.

8. Charges for Energy Supplied by the Utility

Energy supplied by the utility to the customer shall be billed in accordance with the standard applicable rate schedules of the utility.

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Customer-Owned Generation Systems (Greater than 20 kW) continued9. Maintenance Rate

A customer-owned generation facility may be billed lower demand charges for energy purchased during scheduled maintenance provided written approval is obtained in advance from the utility. Demand charges other than "Customer Demand" shall be prorated if maintenance is scheduled such that the utility does not incur additional capacity costs. Said probation shall be the demand charge times the number of authorized days of scheduled maintenance divided by the number of days in the billing period.

10. Contract Required

A contract is required between the utility and the customer-owned generation facility. The contract shall specify safety, system protection, and power quality rules that generators must comply with. The contract shall require a minimum of \$100,000 liability insurance or proof of financial responsibility for the customer-owned generation system. Contracts with customer-owned generation facilities selling energy under the standard (non-negotiated) rate have no specific term or length. Contracts with customer-owned generation facilities selling energy under a negotiated rate shall contain performance requirements and be of sufficient length to ensure the utility avoids the costs for which the customer-owned generation facility has been paid.

11. Customer Obligationa. Metering Facilities

The customer shall furnish, install and wire the necessary service entrance equipment, meter sockets, meter enclosure cabinets, or meter connection cabinets that may be required by the utility to properly meter usage and sales to the utility.

b. Interconnection Costs

The owner of the generating facility shall be required to pay all interconnection costs, including metering, incurred by the utility. The owner shall pay said costs, including financing costs, within two years of the installation date of the interconnection facilities.

c. Liability Insurance

The owner of the generating facility shall be required to have liability insurance on the generating facility of at least \$100,000 or be able to prove financial responsibility.

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Customer-Owned Generation Systems (Greater than 20 kW) continuedd. Interconnection and Operation (Safety and Power Quality) Requirements

Electric Service to a customer-owned electric generation installation may be disconnected for failure to comply with these requirements.

- 1) Interconnection of a generating facility with the utility system shall not be permitted until application has been made to and approval received from the electric utility. The utility may withhold approval only for good reason such as failure to comply with applicable utility or governmental rules or laws. The utility shall require a contract specifying reasonable technical connection and operating aspects for the parallel generating facility.
- 2) The utility may require that for each generating facility there is provided between the generator or generators and the utility system, a lockable load-break disconnect switch. For installations interconnected at greater 600 volts a fused cutout switch may be substituted, where practicable. The switches shall be accessible to the utility for the purpose of isolating the parallel generating facility from the utility system when necessary.
- 3) The utility shall require a separate distribution transformer for a customer having a generating facility where necessary, for reasons of public and employee safety or where the potential exists for the generating facility causing problems with the service of other customers. Ordinarily the requirement should not be necessary for an induction-type generator with a capacity of 5 kW or less, or other generating units of 10 kW or less that utilize line-connected inverters.
- 4) Where necessary, to avoid the potential for a facility causing problems with the service of other customers, the utility should limit the capacity and operating characteristics of single-phase motors. Ordinarily single-phase generators should be limited to a capacity of 10 kW or less.
- 5) The utility shall require that each generating facility have a system for automatically isolating the generator from the utility's system upon loss of the utility supply, unless the utility desires that the local generation be continued to supply isolated load. For synchronous and induction generators such protection against continued operation when isolated from the utility system will ordinarily consist of over-current protection, fuse or circuit breaker, plus a voltage or frequency controlled contractor which would automatically disconnect the unit whenever its output voltage or frequency drifted outside predetermined limits, such as plus or minus 10 percent of the rated values.

EFFECTIVE:

December 20, 2002

PSCW AUTHORIZATION:

Order in docket 4100-ER-103, mailed 12-11-02

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Other suitable protective systems against abnormal voltages of frequencies may be accepted by the utility.

- 6) The utility shall require that the customer discontinue parallel generation operation when it so requests and the utility may isolate the generating installation from its system at times:
 - a) When considered necessary to facilitate maintenance or repair of utility facilities.
 - b) When considered necessary during system emergencies.
 - c) When considered necessary during such times as the generating facility is operating in a hazardous manner, or is operating such that it adversely affects service to other customers or to nearby communication systems or circuits.
- 7) The owner of the generating facility shall be required to make the equipment available and permit entry upon the property by electric and communication utility personnel at reasonable times for the purposes of testing isolation and protective equipment, and evaluating the quality of power delivered to the utility's system; and testing to determine whether the local generating facility is the source of any electric service or communication systems problems.
- 8) The power output of the generating facility shall be maintained such that the frequency and voltage are compatible with normal utility service and do not cause that utility service to fall outside the prescribed limits of Commission rules and other standard limitations.
- 9) The generating facility shall be operated so that variations from acceptable voltage levels and other service impairing disturbances do not result in adverse effects on the service or equipment of other customers, and in a manner that does not produce undesirable levels of harmonics in the utility power supply.
- 10) The owner of the generating facility shall be responsible for providing protection for the owner's installation equipment and for adhering to all applicable national, state and local codes. The design and configuration of certain generating equipment such as that utilizing line-commutated inverters sometimes requires an isolation transformer as part of the generating installation for safety and for protection of generating facilities.

EFFECTIVE:

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Customer-Owned Generation Systems (Greater than 20 kW) continued

12. Utility Obligation

a. Metering Facilities

The utility shall install appropriate metering facilities to record all flows of energy necessary to bill in accordance with the charges and credits of the rate schedule.

b. Notice to Communication Firms

Each electric utility shall notify telephone utility and cable television firms in the area when it knows that customer-owned generating facility is to be interconnected with its system. This notification shall be as early as practicable to permit coordinated analysis and testing in advance of interconnection, if considered necessary by the electric or telephone utility or cable television firm.

13. Right to Appeal

The owner of the generating facility interconnected or proposed to be interconnected with a utility system may appeal to the Commission should any requirement of the utility service rules filed in accordance with the provisions of Wis. Admin. Code § PSC 113.0207, or the required contract be considered to be excessive or unreasonable. Such appeal will be reviewed and the customer notified of the Commission's determination.