



A PHI Company

Deborah Royster  
Deputy General Counsel

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DISTRICT OF COLUMBIA  
PUBLIC SERVICE COMMISSION

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January 26, 2009

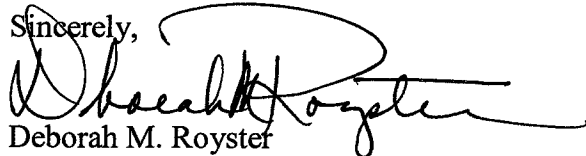
Ms. Dorothy Wideman  
Commission Secretary  
Public Service Commission  
of the District of Columbia  
1333 H Street, N.W.  
2<sup>nd</sup> Floor, West Tower  
Washington, D.C. 20005

**Re: Formal Case No. 945  
Response to Order No. 15147**

Dear Ms. Wideman:

Enclosed for filing are an original and fifteen (15) copies of the Potomac Electric Power Company's ("Pepco") Rider "NEM" - Net Energy Metering and Customer Net Energy Metering Contract (contract). Rider "NEM" and the contract have been revised as directed by Order No.15147 issued December 26, 2008 to comply with the new net energy metering rules adopted in Chapter 9 of Title 15 of the District of Columbia Municipal Regulations on July 4, 2008. Pepco's Rider "NEM" and contract reflect the revised language in the billing and standard contract provisions in sections 902 and 904 of the net energy metering rules.

Please do not hesitate to contact me if you have any questions.

Sincerely,  
  
Deborah M. Royster

Enclosure  
cc: All Parties of Record



A PHI Company

**DC**

Electricity--P.S.C. of D.C. No. 1  
Forty-Third Revised Page No. R-1

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**RATE SCHEDULES**

**FOR**

**ELECTRIC SERVICE**

**IN THE**

**DISTRICT OF COLUMBIA**



**RATES AND REGULATORY PRACTICES GROUP**

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Date of Issue: January 26, 2009

Date Effective: Service on and after  
February 26, 2009



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Electricity--P.S.C. of D.C. No. 1  
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Electric--P.S.C. of D.C. No. 1  
Second Revised Page No. R-45

## NET ENERGY METERING

### RIDER "NEM"

#### RIDER "NEM" – NET ENERGY METERING

This Rider is applicable to Customer-Generators served under Schedules "R", "AE", "RTM", "GS ND", "GS LV", "GS 3A", "GT LV", "GT 3A", and "GT 3B" who meet the requirements set forth in D.C. Code § 34-1501 (15) and 1518; the Company's Standard Net Metering Contract; and the Commission's Net Energy Metering Rules adopted in Order No. 13501, issued February 10, 2005, as amended by Order No. 15147, issued December 26, 2008.

For Customers taking service under Rider "SOS" - Standard Offer Service, if the electricity supplied to the Customer's load during the Billing Period by the Company exceeds the electricity generated by the Customer-Generator during that period, the Customer-Generator will be billed for the Net Energy supplied by the Company at the full retail rate for electricity service, including the Distribution Service Charge, and the Generation and Transmission Service Charges. If the electricity generated by the Customer-Generator during the Billing Period equals or exceeds the electricity supplied to the Customer's load during that period by the Company, the Customer-Generator will be billed the Distribution Service Customer Charge. If the electricity generated by the Customer-Generator in a Billing Period exceeds that supplied by the Company during that period (excess generation), the Customer-Generator's next bill will be credited for the excess generation during the period in which the excess generation occurred at the full retail rate for the kilowatt-hours provided during the Billing Period, including Generation and Transmission Service Charges. If the full credit for the Customer's excess generation is not exhausted during the next billing period, the remaining credit shall be carried over until such time as the full credit has been exhausted.

For Customers purchasing only Distribution Service, if the electricity supplied to the Customer's load during the Billing Period by the Company exceeds the electricity generated by the Customer-Generator during that period, the Customer-Generator will be billed for the Net Energy supplied by the Company at the full retail rate for Distribution Service Charges. If the electricity generated by the Customer-Generator during the Billing Period equals or exceeds the electricity supplied to the Customer's load during that period by the Company, the Customer-Generator will be billed the Customer Charge. The net inflow or outflow of electricity supplied to or by the Customer will be billed at the Alternate Supplier's energy rate specified in the agreement between the Customer and the Alternate Supplier. The Alternate Supplier shall be responsible for calculating the Net Energy bill amount for each Billing Period.

The application of this Rider to Schedules "RTM", "GT LV", "GT 3A", and "GT 3B", shall be on the basis of each Time of Use pricing period instead of on the basis of the total monthly energy.

**CUSTOMER NET ENERGY METERING CONTRACT**  
(Facilities of 1000 Kilowatts or less)

BETWEEN

**Potomac Electric Power Company**

AND

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DATED

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Potomac Electric Power Company  
CUSTOMER NET ENERGY METERING CONTRACT

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ATTACHMENT 1: ENGINEERING REQUIREMENTS AND PERFORMANCE  
STANDARDS FOR INTERCONNECTION CUSTOMERS ON THE POTOMAC  
ELECTRIC POWER SYSTEM

PEPCO  
CUSTOMER NET ENERGY METERING CONTRACT

Qualifying facility of 1000 KW or less

Customer Name: \_\_\_\_\_

Customer Pepco Acct. #: \_\_\_\_\_

Customer Address: \_\_\_\_\_

Customer Telephone Number: \_\_\_\_\_

Customer E-Mail Address: \_\_\_\_\_

Generator Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Energy or Source Type (e.g. photovoltaic, wind, microturbine, fuel cell, cogeneration):  
\_\_\_\_\_

Nameplate rating (KW): \_\_\_\_\_

Location: \_\_\_\_\_, District of Columbia

This Contract, entered into as of the date \_\_\_\_\_ is between the Potomac Electric Power Company (the Company; Pepco), and \_\_\_\_\_ (the Customer) located at \_\_\_\_\_, District of Columbia, for the Net Metering and interconnected operation of the Customer's generating equipment and the Company's electric system commencing \_\_\_\_\_.

WHEREAS, Pepco is required to have this standard Net Energy Metering Contract applicable to Customer-Generators who meet the requirements set forth in D.C. Code § 34-1501 (15) and 1518 and applicable rules adopted by the Public Service Commission of the District of Columbia; and

WHEREAS, the Customer has represented to the Company that it meets those requirements.

In consideration of the agreements hereinafter set forth, the parties agree as follows:

## ARTICLE I: DEFINITIONS

The following terms shall have the following meanings under this Contract:

"Billing Period" or "Billing Month" is the period of time (approximately thirty (30) days) between the recording of metered energy delivered to and received from the Customer's Generation Facility.

"Alternate Supplier" is an electricity supplier as defined in D.C. Code § 34-1501 (17) other than the Company.

"Commission" is the Public Service Commission of the District of Columbia.

"Customer" or "Customer-Generator" means a residential or commercial Customer that owns and operates an electric generating facility that:

- (A) Has a capacity of not more than 1000 kilowatts;
- (B) Uses Renewable Resources, cogeneration, fuel cells, or microturbines;
- (C) Is located on the Customer's Premises.

"Customer's Generation Facility" is all of the Customer's plant and equipment, including the Customer's generator, inverter, storage devices, and Interconnection Equipment, located on the Customer's side of the Point of Delivery.

"Customer's Interconnection Equipment" is all equipment and facilities owned by the Customer and located on the Customer's side of the Point of Delivery installed to interconnect and deliver energy to the Company's system, including but not limited to connection, switching, transformation, protective relaying and safety equipment.

"Net Energy" is the difference between the kilowatt-hours delivered by the Company to the Customer and the kilowatt-hours delivered from the Customer's Generation Facility to the Company over the same time period and determined as if measured by a single meter capable of registering the flow of electricity in two directions.

"Net Energy Metering" means measuring the difference between the electricity supplied to an eligible Customer-Generator from the electric grid and the electricity generated and fed back to the electric grid by the eligible Customer-Generator.

"Net Energy Billing" is a billing and metering practice under which the Customer is billed on the basis of Net Energy over a Billing Month.

"Point of Delivery" is the location where the Customer's Interconnection Equipment and the Company's system are connected.

**"Premises"** is the Customer's building or part of a building with its appurtenances (as grounds) where the Customer takes service from the Company under a unique account number.

**"Prudent Electrical Practice"** means those practices, methods and equipment, as changed from time to time, that are commonly used in prudent electrical engineering and operations to operate electric equipment lawfully and with safety and dependability and that are in accordance with the National Electrical Code, the Institute of Electrical and Electronic Engineers Code or any other applicable Federal, State and Local government codes, and the Company's construction standards and Pepco's "Engineering Requirements and Performance Standards for Interconnection Customers on the Potomac Electric Power Company System" (Attachment 1 to this Contract), which may change from time to time.

**"Renewable Resources"** means one of the following sources of energy: solar, wind, tidal, geothermal, biomass, hydroelectric facilities or digester gas.

## **ARTICLE II: QUALIFICATIONS**

It is the purpose of this Contract to set forth rates and conditions for interconnected, parallel operation of Customer owned and operated electric generating facilities (Customer Generation Facility) using Renewable Resources, cogeneration, fuel cells or microturbines. This Contract is not available for Customer Generation Facilities having a total generating capacity of more than 1000 kW at a single Premises. A Customer's Generation Facility must be located on the Customer's Premises and must be intended primarily to offset all or part of the Customer's own electricity requirements. Service is provided under this Contract subject to the provisions listed below.

The Customer must notify the Company in writing and provide sufficient information for the Company's evaluation of the proposed interconnection at least 60 days prior to the proposed interconnection date. The Company shall notify the Customer in writing that its requested interconnection has been approved and the parties shall enter into this Contract by providing the appropriate signatures. In no instance may the Customer activate its interconnected Generation Facility prior to entering into this Net Energy Metering Contract. The Customer Generation Facility must meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers, Underwriters Laboratories, and by local public authorities. The Customer must obtain, at his own expense, all necessary inspections and approvals required by local authorities before connecting the Customer's Generation Facility to the Company's system.

## **ARTICLE III: TERM**

The term of this Contract shall commence on \_\_\_\_\_ and shall extend initially for one year and thereafter on a monthly basis, unless terminated pursuant to the terms herein.