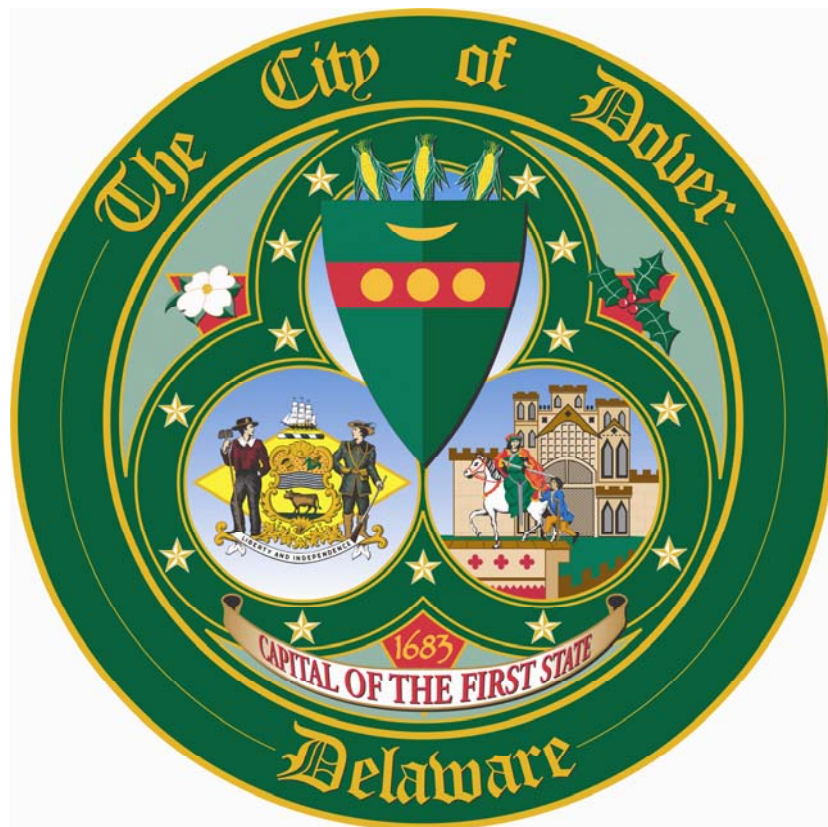


# City of Dover



## *Rates & Tariffs*

*July 12, 2010*

*(Purchase Power Cost Adjustment Effective April 1, 2011)*

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**PURCHASED POWER ADJUSTMENT  
"PPA"**

**PPA for "all" Tariffs unless listed separately**

All kwh - per kwh      0.004300 **credit**

*Effective Date: April 1, 2011*

## RESIDENTIAL SERVICE CLASSIFICATION "R"

This rate is available throughout the City of Dover electric service area for household related services in a single private dwelling and incidental service outside of the home through the same meter, provided such incidental service does not exceed 20 KW of connected load. Service size cannot exceed 600 amps.

### **CHARACTER OF SERVICE**

Secondary voltage, 60 cycle, alternating current, single phase service

#### Customer Charge

Per bill	5.00
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#### Energy Charge

All kwh - per kwh	0.1450
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### **MINIMUM MONTHLY BILL**

The minimum monthly bill shall be the Customer Charge.

### **PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

### **PUBLIC UTILITY TAX**

In addition to the charges provided in this service classification a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

### **RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

### **RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

**SMALL COMMERCIAL SERVICE CLASSIFICATION  
"C and C1"**

**AVAILABILITY**

This rate is available throughout the City of Dover electric service area for small commercial and industrial purposes through a single meter. The maximum monthly usage must not exceed 3,500 KWH per month or have instrument rated metering. If there is a major change in the character of service or if the KWH usage exceeds 3,500 KWH for two (2) consecutive billing months, the account will be automatically transferred to the Medium Commercial Service Classification. If the customer's usage does not exceed 3,500 KWH after a period of one (1) year, the customer may be returned to the Small Commercial Service Classification.

**CHARACTER OF SERVICE**

Secondary voltage, 60 cycle, alternating current, single or three phase service. Other voltages may be applicable where available and at the option of the City.

Customer Charge

Per bill - Single Phase Service	5.00
Per bill - Three Phase Service	15.00

Energy Charge

Per KWH	0.1465
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**MINIMUM MONTHLY BILLING**

The minimum monthly billing shall be the Customer Charge.

**PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

**RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

**MEDIUM COMMERCIAL SERVICE CLASSIFICATION  
"C2 and C3"**

**AVAILABILITY**

This rate is available throughout the City of Dover electric service area for commercial and industrial purposes through a single meter having monthly usages of more than 3,500 KWH for two (2) consecutive months. If the customer has a major change in the character of service and falls below the above criteria, the customer may be returned to the Small Commercial Service Classification.

**CHARACTER OF SERVICE**

Secondary voltage, 60 cycle, alternating current, single or three phase service. Other voltages may be applicable and at the option of the City.

<u>Customer Charge</u>	
Per Bill - Single Phase Service	5.00
Per Bill - Three Phase Service	15.00
 <u>Demand Charge</u>	
All KW, per KW	15.70
 <u>Energy Charge</u>	
All KWH, per KWH	0.0915

**DETERMINATION OF DEMAND**

The Billing Demand will be the maximum fifteen (15) minute demand during the month, determined by a block demand meter.

**MINIMUM MONTHLY BILLING**

The minimum monthly bill shall be the Customer Charge and a Demand Charge based on sixty percent (60%) of the greatest Billing Demand established during any month of the 12-month period ending with the current billing month.

**PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

**RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

**LARGE COMMERCIAL SERVICE CLASSIFICATION  
"C5"**

**AVAILABILITY**

This rate is available throughout the City of Dover electric service area for commercial and industrial purposes having instrument rated metering. If there is a significant change in the character of service, the City will, at its option on a case by case basis, temporarily transfer the account to another tariff.

**CHARACTER OF SERVICE**

Secondary voltage, 60 cycle alternating current, single or three phase service. Other voltages may be applicable when available and at the option of the City.

<u>Customer Charge</u>	
Per bill - single or three phase service	15.00
<u>Demand Charge</u>	
All kW - per kW	15.70
<u>Energy Charge</u>	
All kwh - per kwh	0.0915

**DETERMINATION OF DEMAND**

The Billing Demand will be the maximum fifteen (15) minute demand during the month, determined by a block demand meter. In any month in which the average power factor at the delivery point is greater or less than ninety-five percent (95%) the measured demand shall be corrected in accordance with the following formula:

$$\text{Billing Demand} = \frac{\text{Measured demand} \times .95}{\text{Average Power Factor}}$$

The city measures both leading and lagging power factor, treating both as non-unity power factors, and the customer is billed accordingly.

**MINIMUM MONTHLY BILLING**

The minimum monthly bill shall be the Customer Charge and a Demand Charge based on sixty percent (60%) of the greatest Billing Demand established during any month of the 12-month period ending with the current billing month.

**PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

**RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

## PRIMARY SERVICE CLASSIFICATION "P"

### **AVAILABILITY**

This rate is available throughout the City of Dover electric service area for commercial and industrial customers taking delivery at the primary voltage available, and where the transforming and protective apparatus is furnished, owned and maintained by the customer.

### **CHARACTER OF SERVICE**

Primary voltage, 60 cycle, alternating current, single phase or three phase service.

<u>Customer Charge</u>	
Per bill - single or three phase	10.00
 <u>Demand Charge</u>	
All KW - per KW	11.25
 <u>Energy Charge</u>	
All kwh - per kwh	0.0895

### **DETERMINATION OF DEMAND**

The Billing Demand will be the maximum sixty (60) minute demand during the month, determined by a block demand meter. In any month in which the average power factor at the delivery point is greater or less than ninety-five (95%), the measured demand shall be corrected in accordance with the following formula:

$$\text{Billing Demand} = \frac{\text{Measured demand} \times .95}{\text{Average Power Factor}}$$

The City measures both leading and lagging power factor, treating both as non-unity power factors and the customers are billed accordingly.

### **MINIMUM MONTHLY BILL**

The minimum monthly bill shall be the Customer Charge and a Demand Charge which shall be based on the greater of three hundred kilowatts (300 KW) or 60% of the greatest Billing Demand established during any month of the 12 month period ending with the current billing month.

### **PURCHASE POWER ADJUSTMENT**

All kilowatt hours billed under this rate shall be subject to the Purchase Power Clause approved by the Council of the City of Dover.

### **PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

### **RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

### **RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification. If a customer who is on the Primary Service Classification wishes to switch to the Large Commercial Service Classification, the customer may do so at the customer's choice. If such a change occurs, the City will determine on a case-by-case basis which portion, if any, of the customer-owned electrical equipment will be maintained by the City provided, however, that any equipment transferred to City ownership will be so transferred at no cost to the City.

*Effective Date: July 1, 2008*



**TRANSMISSION VOLTAGE****"T"****AVAILABILITY**

This rate is available by special contract throughout the City of Dover electric service area to customers located where Dover's existing facilities are adequate to supply the character of service as specified below.

**CHARACTER OF SERVICE**

The electric power delivered hereunder shall be three phase, 60 cycle, alternating current at a nominal potential of sixty-nine thousand (69,000) volts.

Demand, energy and power factor will be metered at the point of delivery of service. All transformation, circuiting and protective apparatus beyond the point of delivery shall be installed, owned and maintained by the customer. Service shall be supplied and metered at 69,000 volts, and the customer is required to own and maintain all transforming, switching and protective equipment.

**Demand Charge**

All KW - per KW	10.50
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**Energy Charge**

All KWH, per KWH	0.0875
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**DETERMINATION OF DEMAND**

The measured demand shall be the average of the four (4) greatest sixty (60) minute demands measured on separate days of each month. In any month in which the average power factor at the delivery point is greater or less than ninety-eight and one half percent (98.5%), the measured demand shall be corrected in accordance with the following formula:

$$\text{Billing Demand} = \frac{\text{Measured demand} \times .985}{\text{Average Power Factor}}$$

The City measures both leading and lagging power factor, treating both as non-unity power factors and the customers are billed accordingly.

**MINIMUM MONTHLY BILL**

The minimum monthly charge shall be seventy-five percent (75%) of the greatest Billing Demand during the preceding 11 months and energy equal to three hundred (300) hours' use of that demand.

**PURCHASE POWER ADJUSTMENT**

All kilowatt hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

**RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

**OUTDOOR DEVELOPMENT LIGHTING RATE  
(Residential Area Lighting Only)  
"OL"**

**AVAILABILITY**

This rate is available throughout the City of Dover service area for residential developments/mobile home park lighting.

**CHARACTER OF SERVICE**

Secondary voltage, 60 cycle alternating current, single phase.

**TERMS OF SERVICE**

The association and/or owner shall install and maintain all lighting and associated equipment. This rate applies to one metering point. If multiple metering points are required to reduce voltage drop, a totalized bill will be rendered. The metering point(s) will be governed by the City of Dover.

The initial term for lighting service shall be for one (1) year with automatic month to month extension until either party terminated this agreement via letter. Billing will be monthly. If this contract is terminated prior to the one year agreement, the customer shall reimburse the City of Dover for all expenses incurred.

<u>Customer Charge</u>	
Per Bill	10.00
 <u>Energy Charge</u>	
All kwh - per kwh	0.1392

**MINIMUM MONTHLY CHARGE**

The minimum monthly bill shall be the Customer Charge.

**PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

**RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

**RULES AND REGULATIONS**

The General rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

**PRIVATE OUTDOOR LIGHTING  
SERVICE CLASSIFICATION**

**AVAILABILITY**

This rate is available throughout the City of Dover electric service area for all-night outdoor lighting service for lighting of outdoor areas on private property.

**CHARACTER OF SERVICE**

UNMETERED - This will be the standard installation practice. The lights under this classification shall be fed directly from the City of Dover's energy source.

METERED - This classification will be available at the City of Dover's discretion and only when it is not feasible to install the lighting service from an unmetered source. These lights will have the energy supplied through the customers meter and the monthly rental fee shall be reduced to reflect this customer expense.

**TERMS OF SERVICE**

The equipment supplied will be the type of fixture currently being furnished by the City at the time of installation as described below in the Classifications of Security Lights, Decorative Lighting, and Roadway/Area Lighting. Lighting shall be from dusk to dawn each day.

The initial term for lighting service shall be for two (2) years. The City may require a fee if the installation is removed prior to the two (2) year term.

Where service is not associated with a metered service, a Customer Charge of \$5.00 for residential lights and \$10.00 for commercial lights will be added to cover the associated costs of billing and related consumer costs not reflected in the lighting schedule.

Unmetered - The City shall maintain, relamp, and supply the energy to the lighting equipment that it owns.  
Metered - The City shall also maintain and relamp the lighting equipment it owns where energy is not supplied.

The City will perform relamping, repair, and/or maintenance during normal working hours within a reasonable period following notification by the Customer.

Customers requiring unique or unusual lighting service different than outlined below may obtain such service under a mutually agreeable contractual arrangement.

**SECURITY LIGHTS**

Includes a 2' (+/-) arm, pole not included. If a pole needs to be installed, the location shall be accessible to truck traffic via driveway, roadway, alleyway, or other public accessible parking areas. If a pole must be installed and the location is not truck accessible, a decorative lighting fixture may be installed at the applicable rated.

	Unmetered <u>Monthly Charge</u>	Est. Monthly <u>KWH</u>	Metered Monthly <u>Rental Charge</u>
100 watt HPS	9.54	47	3.37
175 watt MV	11.26	68	2.88

The following style is not available after February 28, 1997.

70 watt HPS	8.30	33
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**DECORATIVE LIGHTING**

Includes a 18' fiberglass pole (15' above ground). The electrical service to these poles shall be underground; therefore, the installation location shall be accessible to trencher traffic.

	<u>Unmetered Monthly Charge</u>	<u>Est. Monthly KWH</u>	<u>Metered Monthly Rental Charge</u>
70 watt HPS w/o ladder rest	14.44	33	7.94
150 watt HPS w/o ladder rest	17.99	62	8.16
250 watt HPS w/o ladder rest	25.18	101	10.44

The following styles are not available after February 28, 1997:

	<u>Monthly Charge</u>	<u>Est. Monthly KWH</u>
175 watt MV w/o ladder rest	17.57	68
175 watt MV contemporary	18.36	68

**ROADWAY/AREA LIGHTING**

Includes choice of bracket from 8' to 16' if the fixture is accessible to truck traffic via driveway, roadway, alleyway, or other public accessible parking areas. If not accessible to trucks a 2' (+/-) arm shall be used. Pole not included.

	<u>Unmetered Monthly Charge</u>	<u>Est. Monthly KWH</u>	<u>Metered Monthly Rental Charge</u>
100 watt HPS	11.41	47	4.64
175 watt MV	12.77	68	3.98
250 watt HPS	17.70	101	4.99
250 watt MV	17.70	101	4.99
400 watt MV	23.75	154	5.23
400 watt HPS	23.86	155	5.29

**POLE CHARGES PER MONTH**

For each wood pole required exclusively for the support of lighting fixtures or lighting circuits under this service classification a per pole charge will be assessed as follows:

	<u>Monthly Charge</u>
Poles installed through February 28, 1997	2.59
Poles installed or changed out after February 28, 1997	4.00

**PURCHASE POWER ADJUSTMENT**

This rate will not be subject to the Purchase Power Clause.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

Effective Date: July 1, 2008

## WATER PUMP SERVICE CLASSIFICATION "FP"

### **AVAILABILITY**

This rate is available throughout the City of Dover electric service area for water pumps used for emergency fire fighting purposes and related equipment.

### **CHARACTER OF SERVICE**

Secondary voltage, 60 cycle, alternating current, single or three phase service. Other voltages may be applicable where available and at the option of the City.

<u>Customer Charge</u>	
Per bill	15.00
 <u>Demand Charge</u>	
All KW, per KW	9.00
 <u>Energy Charge</u>	
All KWH, per KWH	0.1466

### **DETERMINATION OF DEMAND**

The Billing Demand will be the maximum fifteen (15) minute demand during the month, determined by a block demand meter.

In the case of fluctuating loads, the demand of which cannot readily be measured, the Billing Demand may be established from manufacturer's rating or determined by other suitable methods.

### **MINIMUM MONTHLY BILL**

The minimum monthly bill shall be the Customer Charge and a Demand Charge based on 60% of the greatest Billing Demand established during any month of the 24-month period, ending with the current billing month.

### **PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

### **PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

### **RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

### **RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

**WATER PUMP 2 SERVICE CLASSIFICATION  
CONTRACTED RATE  
"F2"**

**AVAILABILITY**

This rate is available throughout the City of Dover electric service area by contract only. Contract terms will be for a minimum of ten (10) years. Service will be available for water pumps used for emergency fire fighting purposes and related equipment. Service will be supplied through one (1) meter. HP determination will be the total hp of all motors.

**CHARACTER OF SERVICE**

Secondary voltage, 60 cycle, alternating current, single or three phase service. Other voltages may be applicable where available and at the option of the City.

Customer Charge

Up to 50 hp motor(s)	100.00
Over 50 hp up to 100 hp motor(s)	150.00
Over 100 hp motor(s)	300.00

Demand Charge

All KW, per KW	9.00
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Energy Charge

All KWH, per KWH	0.1466
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**DETERMINATION OF DEMAND**

The Billing Demand will be the maximum fifteen (15) minute demand during the month, determined by a block demand meter.

In the case of fluctuating loads, the demand of which cannot readily be measured, the Billing Demand may be established from manufacturer's rating or determined by other suitable methods.

**MINIMUM MONTHLY BILL**

The minimum monthly bill shall be the Customer Charge.

**PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Clause included in this schedule.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply in accordance with any tax imposed by governmental authority upon sales of electricity.

**RENEWABLE ENERGY CHARGE**

All kilowatt hours billed under this rate shall be subject to the "GEF" Rider.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

**WATER, SEWER, KENT COUNTY SEWER ADJUSTMENT AND  
GROUND WATER INFLOW ADJUSTMENT RATES**

<b>Water Rates:</b>	<u>WITHIN CITY</u>	<u>OUTSIDE CITY</u>
Customer Charge	1.25 3.00/1,000 gallons	1.25 4.50/1,000 gallons
<b>Sewer Rates:</b>	<u>WITHIN CITY</u>	<u>OUTSIDE CITY</u>
Customer Charge	1.25 2.65/1,000 gallons	1.25 3.98/1,000 gallons
<b>Kent County Sewer Adjustment:</b>	<u>WITHIN CITY</u>	<u>OUTSIDE CITY</u>
	2.34/1,000 gallons	2.34/1,000 gallons
<b>Ground Water Inflow Adjustment</b>	<u>WITHIN CITY</u>	<u>OUTSIDE CITY</u>
	1.05/1,000	1.05/1,000

Sewer charges are based on usage reported on water meters (WMT), and sewer meters (SMT). The sewer rate is 2.81/1,000 gallons for those within the City and 4.21/1,000 gallons for those outside the City Limits.

Kent County Sewer Adjustments is based on sewer usage. The rate for Kent County Sewer Adjustment is 3.39/1,000 gallons and is set by the Kent County Sewer Authority. All revenue produced by this charge is forwarded to the Sewer Authority.

*Effective Date: July 12, 2010*

**TRASH FEES  
IN CITY - FLAT RATE SUMMARY**

<u>Rate Code</u>	<u>Description</u>	<u>Unit Charge</u>
DC I SVCF	Trash Service Fee	\$11.70
D C I 33-1	1 Pick Up 300 Gallon	39.00
D C I 33-2	2 Pick Ups 330 Gallon	78.00
D C I 90-1	1 Pick Up 90 Gallon	11.70
D C I 90-2	2 Pick Ups 90 Gallon	23.40
D C I 90-4	4 Pick Ups 90 Gallon	46.80
D R I FLAT	Residential Trash	15.20
D R I SVCF	Trash Service Fee	11.70
D R I 33-1	1 Pick Up 300 Gallon	39.00
D R I 33-2	2 Pick Ups 330 Gallon	78.00
D R I 90-1	1 Pick Up 90 Gallon	11.70
D R I 90-2	2 Pick Ups 90 Gallon	23.40
D R I 90-3	3 Pick Ups 90 Gallon	35.10
D R I 90-4	4 Pick Ups 90 Gallon	46.80

**OUT OF CITY – FLAT RATE SUMMARY**

<u>Rate Code</u>	<u>Description</u>	<u>Unit Charge</u>
D C O LCKO	Out Little Crk	\$42.75
D C O UNIS	Unincorp Trsh	42.75
D C O 30-1	1 Pick Up 300 Gallon Comm	142.50
D C O 33-1	1 Pick Up 300 Gallon	142.50
D R O CHSW	Cheswold Cont Trash	42.75
D R O LCKO	Out Little Crk	42.75
D R O LCRK	Little Creek	42.75
D R O UNIC	Unincorp Trsh	42.75
D R O UNIS	Unincorp Trsh	42.75

*Effective Date: July 12, 2010*



**GREEN ENERGY FUND  
Rider "GEF"**

Delaware Green Energy Fund Charge - A State-mandated charge for the municipal green energy fund established under 26 Del. C. §363(4) and collected from every Customer based on energy usage which is used to fund environmental programs for conservation and energy efficiency within the City's/Town's service territory.

Delaware Green Energy Fund Charge

All kwh - per kwh .000178

**TAX ADJUSTMENT**

Billings under this rate may be increased by an amount equal to the sum of taxes payable under the Gross Receipts Tax and of all other taxes, fees or charges (exclusive of all valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right of privilege of rendering the service, or on any object or event incidental to the rendition of the service.

*Effective Date: July 1, 2008*

## **VOLUNTARY RENEWABLE ENERGY SUBSCRIPTION RATE**

### **AVAILABILITY**

Available to all retail customer classes for the purchase of all, or a portion of a customer's energy requirements. The retail customer must apply for this service by submission of the CUSTOMER APPLICATION FOR VOLUNTARY SUBSCRIPTION TO PURCHASE RENEWABLE ENERGY.

### **TYPE OF SERVICE**

Service will be provided to those customers who volunteer to receive their energy from Renewable Energy Resources. "Renewable Energy" means electrical energy generated by means of a low- or zero-emissions generation technology that has substantial long-term production potential and may include, without limitation, solar, wind, hydropower, ocean energy, geothermal, landfill gas, an aerobically-digested waste biomass or fuel cells that are not fossil fueled, and any other generation technology approved by the State of Delaware. Renewable Energy does not include fossil fuel or nuclear energy.

The amount of power subscribed to by the customer shall be set out in an Application for Voluntary Renewable Energy Rate.

### **CALCULATION OF BILL**

The Rates and Terms as set out for all other Customer Rate Classes shall apply. Additionally, the Renewable Energy Premium shall apply for the kWhs elected by the customer to be served by Renewable Energy Resources as stated in the Application for Voluntary Renewable Energy Rate. The Renewable Energy Premium is as follows:

<u>Rate Group</u>	<u>Premium per KWH</u>
Residential Service	\$0.0021
Commercial Service	\$0.0021
Transmission Service	\$0.0021

### **MONTHLY MINIMUM**

Customers may elect to take service in increments of 100 kWh.

### **OTHER TERMS AND CONDITIONS**

Service will be offered to customers as it is available for sale by the City of Dover. If applications exceed available supply, the applicant will be placed on a waiting list.

Customers will be required to take service under this rate schedule for a minimum term of one year. Service under this tariff will automatically be renewed on an annual basis absent 30 days prior written notification of cancellation.

All other Tariff Rules apply to service under this schedule.

### **PURCHASED POWER ADJUSTMENT**

The Voluntary Renewable Energy Rate is not subject to the PPA.

*Effective Date: July 1, 2008*

**CUSTOMER APPLICATION FOR  
VOLUNTARY SUBSCRIPTION TO PURCHASE RENEWABLE ENERGY**

The City Dover offers you the choice of contributing to the development of renewable energy. You can sign up by completing the following application. Each 100 kWh block of renewable energy will result in an additional monthly charge of \$0.21. This selection will appear on your Electric bill as a separate item. The renewable energy charge is an additional fee to your regular monthly electric bill. Participation in this program is for a one-year period. Your subscription will automatically renew on an annual basis, absent 30-day prior written notification of cancellation.

Contact Information

Name: \_\_\_\_\_  
*(As it appears on your electric bill)*

Account Number: \_\_\_\_\_  
*(Found on your electric bill)*

Service Address: \_\_\_\_\_  
*(Your street address)*

IMPORTANT: Daytime Telephone Number: ( ) \_\_\_\_\_  
*(Where we can reach you with any questions regarding your application)*

Enter the number of 100 kWh blocks of renewable energy desired, then multiply number of blocks by \$0.18 to obtain the additional total monthly cost for your renewable energy subscription:

\_\_\_\_\_ Blocks X \$0.21 / Block = \$ \_\_\_\_\_  
*(This cost will be an addition to your regular monthly electric bill.)*

I have reviewed and understand the terms of the City of Dover Voluntary Renewable Energy Tariff. I hereby request service under the Voluntary Renewable Energy Subscription Tariff and agree to be bound by the terms and conditions of that tariff.

\_\_\_\_\_  
Signature of Applicant

**Mail To:**  
City of Dover  
Customer Services  
P.O. Box 475  
Dover, DE 19903-0475

## **NET ENERGY METERING "NM"**

### **AVAILABILITY**

This rider is available to customers served under the following service classifications, Residential "R", Small Commercial "C and C1", Medium Commercial "C2 and C3", Large Commercial "C5", Primary "P", and Transmission "T" who own and operate an electric generation facility on the Customer's premises. The primary intent of this installation is to offset part or all of the Customer's electricity requirements. Capacity cannot be more than 25 kW for residential customers, 100 kW for farms [subject to rules of Delaware Code – Title 26, Chapter 10, Subsection 1014 (d) (1.) (b.)], and 500 kW for non-residential customers. The primary source of fuel must be solar, wind, hydro, or another approved source of renewable energy. This rider is applicable to generation interconnected and operated in parallel with the City of Dover's transmission and/or distribution facilities. Application for the installation of any generation system in excess of 500 kilowatts shall be made under a special contract.

Any customer who elects this rider must apply by filling out the City of Dover Generator Interconnection Application at least 60 days in advance of the proposed activation date. Approval of the application by the City must be granted prior to activation of the electric generation facility.

### **CONNECTION TO THE CITY'S SYSTEM**

The electric generation system cannot be connected to the City's system unless it meets all applicable safety and performance standards set forth by the following: The City of Dover Technical Considerations Covering Parallel Operations of Customer Owned Generation of 500 kW or less dated July 1, 2008, National Electric Code, the Institute of Electrical and Electronic Engineers, Underwriters Laboratories, and the City of Dover Electric Service Handbook. The Customer must, at his/her expense, obtain any and all necessary permits, inspections, and approvals required by any local public authorities and any other governing regulations in effect at that time.

### **DELIVERED VOLTAGE**

The delivered voltage and delivery point of the Customer's electric generation shall be at the same delivered voltage and delivery point that would be supplied by the City if the Customer purchased all of its electricity from the City.

### **CONTRACT TERM**

The contract term shall be the same as the Customer's applicable rate tariff.

### **RATE**

The monthly billing shall be as stated in the applicable rate tariff. Under this rider, only the kWh charge for electricity delivered by the Customer is affected. The Customer will pay for all kWh delivered by the City of Dover. If the Customer has delivered electricity to the City's system a credit will be issued equal to the City's current kWh rate for that particular class of customer. This credit will be applied to subsequent billing periods to offset a customer's consumption (City delivered kWh) in those billing periods until all credits are used or until the end of the calendar year. At the end of the calendar year the Customer may request a payment for any excess kWh credit. Any excess kWh credits from the customer shall not reduce any fixed monthly customer charges, taxes or other components of the electric bill imposed by the City.

### **METERING**

A bi-directional watt-hour electric meter will be installed at the Customer's location to measure the energy consumed and the energy delivered to the City system. The City will furnish, install, maintain, and own all bi-directional revenue meters. However, where a large capacity meter is required to serve a customer, or a larger capacity meter is requested by the customer, the customer shall pay the City the difference between the larger capacity meter and the meter normally provided under the customer's applicable rate tariff. Cost will be determined under the Additional Costs and Responsibilities clause below.

**ADDITIONAL COSTS AND RESPONSIBILITIES**

The customer will be required to pay for any additional transmission and distribution costs, transformation, system protection, and any related safety/protective equipment in excess of what would normally be paid for by the City. Protective equipment will be installed by the Customer to provide safety for personnel, provide adequate protection for the City's electric utility system and to the Customer's property, and to prevent any interference with the City's supply of energy to other utility customers. This equipment will be owned, installed, and maintained by the Customer.

**FAILURE TO COMPLY**

The City may disconnect the Customers service from the City's electric system if the Customer fails to comply with any of the stipulations of this rider, The Technical Considerations Covering Parallel Operations of Customer Owned Generation of 500 kW or Less dated July 1, 2008, National Electric Code, the Institute of Electrical and Electronic Engineers, Underwriters Laboratories, the Generator Interconnection Application and the City of Dover Electric Service Handbook.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification. All minimum billings, charges for kWh, kW, Purchased Power Adjustment, Public Utility Tax, Renewal Energy Charge, etc. will be covered under the applicable rate tariff.

*Effective Date: August 24, 2009*

## **69 KV TRANSMISSION SERVICE CLASSIFICATIONS FOR TRANSMISSION SERVICE FOR 16 MW EWG UNIT**

### **AVAILABILITY**

This tariff is available to the 16 MW electric generating station operated by NRG Energy Center Dover, LLC ("NRG") as an Exempt Wholesale Generator ("EWG") and located at 1280 West North Street ("16 MW EWG Unit") to transmit up to 16 MW of capacity and associated energy from the City of Dover ("City") interconnection point at the terminals of the 69 kV cable terminators located at the Kraft (or its successor) manufacturing facility substation ("NRG/Dover Interconnection Point") to the points of interconnection that the City maintains with Delmarva Power & Light ("DP&L") pursuant to the Interconnection Agreement between DP&L and the City of Dover, Delaware dated January 25, 2000 ("Dover/DP&L Interconnection Point"). The City affirms and NRG confirms that the transmission service shall not be for sales of electric capacity and/or energy inside the City's electric distribution franchise area. The service provided under this tariff shall be electrically isolated from any other transmission service provided to NRG by the City under a different tariff. This tariff is available to provide transmission service on the City's networked transmission system only, for delivery of up to 16 MW only to the Dover/DP&L Interconnection Point, and is not available for service on other City non-networked transmission facilities or for quantities in excess of 16 MW, or for transmission of electricity from any generating station(s) other than the one described in this paragraph.

### **CHARACTER OF SERVICE**

The City is providing firm transmission service on its networked transmission system only under this tariff, which is normally operated as a three phase, sixty cycle, alternating current system at a nominal voltage of sixty-nine thousand (69,000) volts, line to line.

The parties expressly agree that the City shall have no responsibility to NRG for securing any necessary interconnection agreement(s) for NRG's use of Kraft (or its successor) facilities between its 16 MW EWG Unit and the NRG/Dover Interconnection Point or for the use of facilities beyond the City's networked transmission system, i.e., DP&L or the PJM Interconnection, LLC.

The City shall own, operate, maintain and repair its transmission system in accordance with Prudent Utility Practices. NRG shall operate its electric generating facilities and interconnection facilities in accordance with Prudent Utility Practices. NRG shall use the City's networked transmission system in accordance with Prudent Utility Practices.

The City shall have no obligation to expand the capacity of its transmission system to accommodate this transaction or to provide any new interconnection facilities of any kind.

### **REACTIVE POWER AND VOLTAGE CONTROL**

NRG shall provide sufficient reactive capability and voltage control facilities to meet its reactive power requirements and adequately maintain voltage levels and stability. NRG shall provide sufficient facilities to maintain a unity (1.0 per unit) power factor at the "Net Metering Point," located between the 16 MW EWG Unit and the Kraft (or successor) manufacturing facility, based upon projected peak reactive demand measured at the Net Metering Point and subject to the criteria in the following paragraph.

NRG shall operate so as to maintain a power factor at the Net Metering Point that is comparable to the average power factor that Dover maintains in its service area, but in no case shall the NRG monthly peak one-hour interval power factor fall below 98.5%. If NRG fails to meet this power factor requirement, NRG shall pay Dover for reactive power provided by Dover to NRG. Dover shall charge NRG the same rate for this service as DP&L charges to Dover through the Interconnection Agreement between DP&L and the City of Dover, Delaware dated January 25, 2000, Schedule 3, as may be changed from time to time.

### **RATES**

The rate for services hereunder shall be \$0.23 per kW-month for 16,000 kW per month, plus charges imposed for reactive power and voltage regulation, plus Transmission Losses and Interconnection Facilities Losses.

**LOSSES**

*Interconnection Facilities Losses.* In keeping with historical practices used to account for losses associated with the Kraft 13.8 kV distribution system and 69-13.8 kV transformers, net generation quantities metered at the Net Metering Point shall be adjusted for losses between the 16 MW EWG Unit and the NRG/Dover Interconnection Point by multiplying the kW and kWh metered quantities at the Net Metering Point by 0.995 (0.5% losses).

*Transmission Losses.* NRG shall bear responsibility for transmission losses from the NRG/Dover Interconnection Point to the Dover/DP&L Interconnection Point at the rate of 1%. Losses shall be taken by adjusting the quantities at the NRG/Dover Interconnection Point (Net Metering Point quantities net of Interconnection Facilities Losses) and multiplying the kW and kWh quantities for purposes of reporting NRG Generating Station quantities to the PJM Interconnection, LLC and DP&L pursuant to the Interconnection Agreement between DP&L and the City of Dover, Delaware dated January 25, 2000, as may be amended from time to time.

**METERING**

The revenue metering at the Net Metering Point is currently located in a fenced yard at the Kraft manufacturing facility. The metering CT's and VT's are located in metal-clad switchgear owned by Kraft adjacent to the fenced yard where the revenue metering is located. All revenue metering equipment, including the revenue meter, the metering CT's and VT's, and associated equipment, is owned by the City of Dover. The City provides pulse initiator outputs from the revenue meter to an NRG pulse recorder and NRG currently accesses this recorder to provide hourly revenue reporting for the previous day to DP&L and PJM. These quantities are compensated by the meter to incorporate the Interconnection Facilities Losses and the Transmission Losses that are a part of this tariff such that the 16 MW EWG Unit output quantities reported to DP&L and PJM at the DP&L/Dover Interconnection Point are net quantities (net of losses). NRG shall provide a verification document each month from PJM or DP&L in a form acceptable to the City that allows the City to easily verify that the 16 MW EWG Unit revenue reporting reconciles with monthly City of Dover revenue metering values.

The revenue metering at the Net Metering Point is part of a system of revenue meters that determines the Kraft manufacturing facility load as well as NRG generating plant output. If any changes in the current revenue metering system are required by DP&L, PJM, the City or NRG, including moving the revenue metering system into the NRG generating plant, all changes must be compatible with existing or new City of Dover revenue metering requirements, DP&L and PJM requirements, approved by the City, accompanied by a change in the monthly verification system acceptable to the City, and all costs incurred shall be paid by NRG. All revenue metering equipment shall be owned by the City of Dover.

**MINIMUM MONTHLY BILL**

The minimum monthly bill shall be \$3680.00 per month.

**PURCHASE POWER ADJUSTMENT**

This tariff shall not be subject to the Purchase Power Adjustment..

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply to recover any tax imposed by governmental authority upon provision of transmission services for electricity.

**TERMINATION**

The contract term for this service classification shall be 12 months from the date service commences, and then month to month thereafter. Either party may terminate service under this service classification at the end of the initial term and thereafter upon ninety (90) days' notice to the other.

**RULES AND REGULATIONS/MUNICIPAL ORDINANCES**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification, except those pertaining to service extensions, as noted above. In addition, the Municipal Ordinances published in the Dover Electric Service Handbook shall apply to service rendered under this service classification.

**OPERATING CONDITIONS**

Service provided under this tariff requires the following additional conditions.

1. NRG shall communicate and coordinate with the dispatch office for the City's system at all times and especially when the 16 MW EWG Unit is dispatched, synchronized, operated, and released. Consistent with historic practices, and as a minimum requirement, NRG agrees to telephone the City's dispatch office each hour with a report of the quantities generated at the 16 MW EWG Unit until such reporting requirements are terminated by mutual agreement. NRG shall notify the City's dispatch office by telephone whenever it intends to increase or decrease output by 25% or more.
2. The City currently has an RTU for its SCADA system installed at the 16 MW EWG Unit and receives information including real time generating station net MW output information (analog transducer) at its dispatch center. This quantity is one of the values used to produce a real time value for City of Dover net system load. The current level of information received by the City's dispatcher is adequate for the purposes of transmission system operation and no changes are currently contemplated. If any changes in the current SCADA system reporting requirements are required by DP&L, PJM, the City or NRG, all changes must be compatible with existing or new City of Dover SCADA requirements, DP&L and PJM requirements, approved by the City, and shall be at the expense of NRG.
3. NRG shall cooperate when emergency procedures are implemented by the PJM Interconnection, LLC. or when required under the DP&L/Dover Interconnection Agreement.
4. The City shall have the right to direct NRG to reduce or increase the output of the 16 MW EWG Unit, including the temporary shutdown or start-up of the 16 MW EWG Unit, as necessary for system emergencies and to preserve the City's system security and reliability, or for the City to perform maintenance, facilities construction or system expansion, or any modification that requires facility outages. The City shall provide NRG reasonable notice of any such directive.

*Effective Date: July 1, 2008*



**TRANSMISSION VOLTAGE SUPPLEMENTAL SERVICES TARIFF  
FOR NRG Energy Center LLC 16 MW EWG UNIT**

**AVAILABILITY**

This tariff is available to the 16 MW electric generating station operated by NRG Energy Center, LLC as an Exempt Wholesale Generator (“EWG”) and located at 1280 West North Street (“16 MW EWG Unit”). The facility sells capacity and associated energy to third parties and normally provides for its own electrical demand and energy requirements, but requires intermittent service when that source of supply is unavailable. This tariff is available to provide supplemental capacity and associated energy for occasional plant start up and standby needs for the 16 MW EWG Unit, but it shall not be available for 1) resale or 2) for supply of plant auxiliary services for any other plant or generating station. Customer must be able to curtail all or a portion of its service upon request by the City of Dover.

**CHARACTER OF SERVICE**

The electric power delivered hereunder shall be three phase, sixty cycle, alternating current at a nominal voltage of sixty-nine thousand (69,000) volts, line to line.

Demand, energy and power factor shall be metered at the “Net Metering Point” located between the Generating Station and the Kraft manufacturing facility and adjusted to the “NRG/Dover Interconnection Point determined as the terminals of the 69 kV cable terminators located in the Kraft manufacturing facility substation. Quantities metered at the Net Metering Point shall be adjusted for losses between the Generating Station and the NRG/Dover Interconnection Point by dividing metered quantities at the Net Metering Point by 0.995

**RATES**

Demand Charge

All KW, per KW	10.50
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Energy Charge

All KWH, per KWH	0.0875
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**DEMAND**

As used herein, demand shall be the measured integrated rate of energy usage, expressed in kilowatts, during any sixty (60) minute period. The Measured Demand shall be the Customer’s maximum one (1) hour metered demand in any billing month. In any billing month in which the average power factor at the delivery point is greater or less than ninety-eight and one half percent (98.5%), the Billing Demand shall be established in accordance with the following formula:

$$\text{Billing Demand} = \frac{\text{Measured Demand} \times .985}{\text{Average Power Factor}}$$

The City measures both leading and lagging power factor, treating both as non-unity power factors and the customers are billed accordingly.

**MINIMUM MONTHLY BILL**

The minimum monthly bill shall be the sum of the Demand Charge and the energy charge for the billing period.

**PURCHASE POWER ADJUSTMENT**

All kilowatt-hours billed under this rate shall be subject to the Purchase Power Adjustment included in this schedule.

**ANNUAL ON-PEAK PENALTY**

The terms of this service tariff assume that the Customer will not commence a start-up procedure and that the Customer will curtail its requirements for electricity, to the extent possible, at the request of the City during the City of Dover municipal electric system's annual peak hour. Customer shall notify the City of Dover dispatcher one hour prior to initiating a start-up procedure. The dispatcher shall inform the Customer whether the procedure is likely to occur during the municipal electric system's annual peak hour. The City of Dover dispatcher may ask the Customer to curtail service or postpone a start-up procedure. The dispatcher may inform the Customer that an annual system peak is likely to occur so that the Customer may curtail its electrical requirements. If the Customer takes service during the City of Dover municipal electric system's annual peak hour, the Customer shall pay a penalty equal to the Customer's one (1) hour integrated demand readings for that hour in kW, multiplied by 12, and further multiplied by the applicable monthly Demand Charge specified below for each operating year (July 1 through June 30).

Applicable charges are as follows:

<u>OPERATING YEAR</u>	<u>PRICE (\$/KW MONTH)</u>
2001-02	\$4.95
2002-03	\$5.08
2003-04	\$5.22
2004-05	\$5.54
2005-06	\$5.86

The price in subsequent operating years shall be supplied before the commencement of such operating years.

**PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply to recover any tax imposed by governmental authority upon sales of electricity.

**RULES AND REGULATIONS**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

## **69 KV TRANSMISSION SERVICE CLASSIFICATIONS FOR TRANSMISSION FOR NRG 88 MW EWG**

### **AVAILABILITY**

This tariff is available for electric transmission service on City of Dover 69 kV Line Number 3010 (City of Dover North Street Substation to the Delmarva Power & Light (“DP&L”) 69kV transmission system at DP&L’s Kent Substation (“the Transmission Line”) solely for the purpose of transmitting capacity and energy from two 44 MW simple cycle combustion turbine electric generating units owned by and located at NRG Energy Center Dover, LLC (“NRG”), 1280 West North Street, Dover, DE (“NRG 88 MW EWG”) to the DP&L 69kV transmission system interconnection with PJM, LLC. The Transmission Line shall not be used to deliver any electricity within the City’s electric distribution franchise area. The Transmission Line, together with its related interconnection equipment, shall be electrically isolated from all other City-owned transmission facilities. This tariff is available to provide transmission services on this Transmission Line only, for up to its nominal electrical capacity of 100 MW only, and is not available for service on other Dover transmission facilities or for quantities in excess of the capacity of the Transmission Line, or for transmission of electricity from any generating units other than the NRG 88 MW EWG.

### **CHARACTER OF SERVICE**

This tariff is solely for the use of the Transmission Line, not firm transmission service. The Transmission Line is interconnected with the DP&L 69 kV transmission system at DP&L’s Kent Substation which is normally operated by DP&L to provide three phase, sixty cycle, alternating current at a nominal voltage of sixty-nine thousand (69,000) volts, line to line.

Dover shall own, maintain, repair and operate the Transmission Line in accordance with Prudent Utility Practices. NRG shall operate the NRG 88 MW EWG and interconnection facilities and use the City’s Transmission Line in accordance with Prudent Utility Practices. Metering shall not be performed for this service. The City shall have no obligation to expand the capacity of the Transmission Line or provide any additional interconnection facilities of any kind.

### **RATES**

NRG shall pay an annual rent of \$30,000 per year, payable on the commencement date of the service, and on June 1st of each year thereafter. This fee shall compensate the City for all ordinary, normal and customary repairs, maintenance and modifications performed by the City on the Transmission Line.

### **MINIMUM BILL**

The minimum bill shall be \$30,000 per year.

### **PURCHASE POWER ADJUSTMENT**

This tariff shall not be subject to the Purchase Power Adjustment.

### **UNCONTROLLABLE CIRCUMSTANCE**

If the Transmission Line is unavailable due to a circumstance beyond the City’s reasonable control and the estimated cost to repair or rebuild the line exceeds the annual revenue to the City under this tariff, NRG and Dover shall meet to determine how to allocate the cost of restoring the line. The City does not assume any obligation to repair or rebuild the line after an uncontrollable circumstance. NRG may repair or replace the line with the City’s approval and such approval will not be unreasonably withheld. The service extension provisions in the Rules and Regulations do not apply to this service classification.

### **PUBLIC UTILITY TAX**

In addition to the charges provided for in this service classification, a surcharge will apply to recover any tax imposed by governmental authority upon provision of transmission services for electricity.

**TERMINATION**

The contract term for this service classification commenced June 1, 2001, for a 12 month term, and shall continue month to month thereafter. Either party may terminate service under this service classification upon ninety (90) days' notice to the other.

**RULES AND REGULATIONS/MUNICIPAL ORDINANCES**

The General Rules and Regulations of the City of Dover for electric service shall apply to service rendered under this service classification, except those pertaining to service extensions, as noted above. In addition, the Municipal Ordinances published in the Dover Electric Service Handbook shall apply to service rendered under this service classification.

*Effective Date: July 1, 2008*

## **69 KV DELIVERY SERVICE CLASSIFICATIONS TO THE GRID FOR WHITE OAK SOLAR ENERGY, LLC**

### **AVAILABILITY**

This tariff is available to the solar electric generating station owned by White Oak Solar Energy, LLC (“White Oak”) to transmit up to 10 MW AC of associated energy from the Point of Interconnection as defined by the Technical Requirements Exhibit to the Interconnection Agreement between White Oak Solar Energy, LLC and the City of Dover (“City”)(“White Oak/Dover Interconnection Point”) to the point of interconnection that the City maintains with Delmarva Power & Light (“DP&L”) pursuant to the Interconnection Agreement between DP&L and the City of Dover, Delaware dated September 12, 2004 (“Dover/DP&L Interconnection Point”). The City affirms and White Oak confirms that nothing in this tariff authorizes White Oak to make retail sales in the City’s service territory. The service provided under the tariff shall be electrically isolated from any other electric service, including retail supply provided to White Oak by the City under a different tariff. This tariff is available to provide access to the City’s networked system only for delivery of up to 10 MW AC to the Dover/DP&L Interconnection Point and is not available for service on other City non-networked facilities.

This tariff shall apply to White Oak when service under this tariff is requested by White Oak. To request service, White Oak shall provide written notice to Dover no less than thirty (30) days prior to the date when it requires service. The reservation term shall be one year, subject to renewal annually by giving written notice to Dover no less than thirty (30) days prior to the expiration of the term.

### **CHARACTER OF SERVICE**

The City is providing firm service on its networked system only under this tariff, which is normally operated as a three phase, sixty cycle, alternating current system at a nominal voltage of sixty-nine thousand (69,000) volts, line to line.

The parties expressly agree that the City shall have no responsibility to White Oak for securing any necessary interconnection or other agreement(s) for the use of facilities beyond the City’s networked system, i.e., DP&L or the PJM Interconnection, LLC.

The City shall own, operate, maintain and repair its system in accordance with Prudent Utility Practices. White Oak shall operate its electric generating facilities and interconnection facilities in accordance with Prudent Utility Practices. White Oak shall use the City’s networked system in accordance with Prudent Utility Practices.

The City shall have no obligation to expand the capacity of its system to accommodate this transaction or to provide any new interconnection facilities of any kind, provided, however, that changes to the system or interconnection requested and fully paid for by White Oak may be made by the City, subject to design, safety, and system security considerations.

### **REACTIVE POWER AND VOLTAGE CONTROL**

White Oak shall provide sufficient reactive capability and voltage control facilities to meet its reactive power requirements and adequately maintain voltage levels and stability. White Oak shall provide sufficient facilities to maintain a unity (1.0 per unit) power factor at the White Oak/Dover Interconnection Point, based upon projected peak reactive demand measured at the Metering Point and subject to the criteria in the following paragraph.

White Oak shall operate so as to maintain a power factor at the Metering Point that is comparable to the average power factor that Dover maintains in its service area, but in no case shall the White Oak monthly peak one-hour interval power factor fall below 98.5%. If White Oak fails to meet this power factor requirement, Dover may install, at White Oak’s cost, capacitors or other equipment to maintain a unity power factor at the White Oak/Dover Interconnection Point.

### **RATES**

The rate for services hereunder shall be \$0.23 per kW-month of service requested for up to 10,000 kW per month, plus charges imposed for reactive power and voltage regulation as provided above, plus Line Losses, commencing when service under this tariff is requested by White Oak. The monthly rate shall be set for a one year period starting with the first day of the month for which this service is requested. The first and last month’s service shall be prorated on a daily basis whereby White Oak shall pay only for those contiguous days for which the service is requested.

If White Oak exceeds the kW reservation of service requested in the notice, the rate for service shall be \$1.00 per kW-month for the month in which the reservation was exceeded.

**LOSSES**

Line Losses. White Oak shall bear responsibility for line losses from the White Oak/Dover Interconnection Point to the Dover/DP&L Interconnection Point at the rate of 1%. Losses shall be taken by adjusting the quantities at the White Oak/Dover Interconnection Point (Metering Point quantities net of Interconnection Facilities Losses) and multiplying the kW and kWh quantities for purposes of reporting White Oak Generating Station quantities to the PJM Interconnection, LLC and DP&L.

All revenue metering equipment, including the revenue meter, the metering CTs and VTs are owned by White Oak. These quantities are compensated by the meter to incorporate the Line Losses that are a part of this tariff such that the Solar Unit output quantities reported to DP&L and PJM at the DP&L/Dover Interconnection Point are net of losses. White Oak shall provide pulse outputs for metering and adequate space for meters and/or communications facilities to report on Solar Unit operations.

**PURCHASE POWER ADJUSTMENT**

This tariff shall not be subject to the Purchase Power Adjustment.

**PUBLIC UTILITY TAX**

In addition to the charges for this service classification, a surcharge will apply to recover any tax imposed by governmental authority upon provision of transmission services for electricity.

**RATE CHANGES**

The rates stated may be adjusted from time to time by Dover to reflect changes in the cost of service provided under this tariff.

**RULES AND REGULATIONS/MUNICIPAL ORDINANCES**

The General Rules and Regulations of the City of Dover for electric service which are published in the Dover Electric Service Handbook shall apply to service rendered under this service classification.

**OPERATING CONDITIONS**

Service provided under this tariff requires the following additional conditions.

1. White Oak shall communicate and coordinate with the City system dispatch office at all times and especially when the Solar Unit is dispatched, synchronized, operated, and released.
2. The City has an RTU for its SCADA system installed at the Solar Unit to receive real time generating station net MW output information (analog transducer) at its dispatch center. This quantity is one of the values used to produce a real time value for City of Dover net system load. Any changes in the current SCADA system reporting methods or equipment required by DP&L, PJM, the City, or White Oak, must be compatible with existing or new City of Dover SCADA requirements, DP&L, and PJM requirements. The cost of such changes shall be paid by White Oak.
3. White Oak shall cooperate when emergency procedures are implemented by the PJM Interconnection, LLC, or when required under the DP&L/Dover Interconnection Agreement.
4. Subject to the Interconnection Agreement between White Oak and Dover, the City shall have the right to direct White Oak to reduce or increase the output of the Solar Unit, including the temporary shutdown or start-up of the Solar Unit, as necessary for system emergencies and to preserve the City's system security and reliability, or for the City to perform maintenance, facilities construction or system expansion, or any modification that requires facility outages. The City shall provide White Oak reasonable notice of any such directive.

*Effective Date: February 22, 2010*

## RETAIL CUSTOMER DEMAND RESPONSE

### **AVAILABILITY**

The Dover Electric Utility ("Dover") or its authorized designee is the sole entity permitted to bid demand response directly into the PJM Interconnection, L.L.C. ("PJM") ("DR Program") on behalf of retail customers served by Dover. No Customer may participate in a DR program of any other entity unless such program is consistent with the terms and conditions in this tariff and approved in advance by Dover.

Dover or its authorized designee may allow a Customer to bid DR into PJM's ancillary services market for energy imbalance, spinning reserves, supplemental reserves, reactive power and voltage control, or regulation and frequency response ancillary services, subject to the same terms and conditions.

DR programs may reduce electric service costs for the Customer, provide enhanced usage data, reduce emissions from electric generation, and provide demand flexibility.

### **CONTENTS OF APPLICATION**

Customer shall submit to Dover a written request to participate that includes the following: 1) Type of DR program; and 2) Metering requirements for participation. Dover's approval of the application shall be granted within fourteen (14) days.

### **EFFECT OF APPLICATION AND PARTICIPATION IN DR PROGRAM**

Dover's receipt and review of any documentation submitted by a Customer shall not constitute approval of such DR Provider or a guarantee of performance or payment by a DR Provider, nor shall Dover be liable for ANY damages sustained by the Customer.

### **RIGHT TO TERMINATE PARTICIPATION IN DR PROGRAM**

Dover reserves the right to disapprove a request to participate in a DR program or to terminate participation by Customer when, in Dover's sole discretion, Dover determines that participation by Customer will be detrimental to another customer or to the City of Dover.

### **SPECIAL METERING REQUIREMENTS**

If Customer requires special metering equipment or devices to participate in the DR program, Customer shall provide the specifications for such equipment or devices in writing to the Dover Electric Department at the time of application or promptly thereafter. Within fourteen (14) days thereafter, Dover will provide the Customer with an estimate of the cost of the special metering equipment or devices and an estimate of the cost of providing special meter reading data. The cost of any special metering equipment or device shall be the responsibility of the Customer and shall be paid prior to the scheduled installation date. All costs for data or special readings shall be billed to Customer monthly.

*Effective Date: February 28, 2011*