

# RENEWABLE ENERGY NET METERING RATE SCHEDULE "RENM"



Mississippi Public Service Commission Schedule No. 59

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1 of 3	September 8, 2016	ORIGINAL

## APPLICABILITY

This rate schedule is applicable to any customer 1) who separately takes service at their primary residence under one of the Company's rate schedules for electric service that qualifies as a Renewable Energy Net Metered Interconnection Customer; 2) that has installed qualified Distributed Generation Facilities capable of producing Renewable Energy solely for its own use located on the customer's physical premises; and 3) that desires to sell electrical energy to the Company. Generator installations under this rate are limited to a maximum nameplate direct current capacity of 20 kW for residential customers and the lesser of 125% of the Customer's annual peak demand or 2 MW for non-residential customers. Residential customers with a maximum nameplate direct current capacity of more than 20 kW but not more than 100 kW may take service on the Company's CSPP rate schedule.

All installations are subject to the requirements of the Mississippi Renewable Energy Net Metering Rule and the Mississippi Distributed Generator Interconnection Rule. The electric generating facility must produce renewable energy, which means electric energy produced from solar technologies, wind energy, and biomass, as defined in the Mississippi Public Service Commission Net Metering Rule.

## AVAILABILITY AND KIND OF SERVICE

This schedule is available on a uniform basis throughout the service territory of the Company on a first-come, first-served basis. Service under this schedule is limited to 3% of the Company's system peak demand, expressed in kW, as recorded during the prior calendar year. MPC's net metering participation cap excludes all wholesale loads from the MPC System Peak. MPC calculates its cap by using the Retail 12 Coincident Peak ("CP") demand allocator used in the Company's biennial Cost-of-Service study on file with the Commission. Qualifying customer generation shall be based on the direct current capacity in kW. Once the 3% cap is reached, additional customers may interconnect and sell excess energy generated under the Company's Cogeneration and Small Power Production (CSPP) rate schedule where applicable. Customers cannot be concurrently served under RENM and CSPP rate schedules.

## RATE FOR PURCHASE OF ENERGY FROM RENEWABLE ENERGY PRODUCERS

### Facility Upgrade Charge

Customers who only require a meter replacement of a self-contained, single channel, single phase 200 A meter or less with a self-contained, dual channel, single phase 200 A meter associated with generation sales back to the Company will pay a one-time service charge of \$87. This charge is to offset the incremental cost of the dual channel meter used for net metering. This charge will be paid prior to verification and meter replacement. All other customers will pay actual costs to reconfigure metering equipment and any system upgrades needed to accommodate the purchase of customer's excess energy.

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## Payment for Basic Avoided Energy Cost

The Customer may elect Option A - Standard Rate or Option B – Time-of-Day Rate below which are payments representing the Company's basic avoided energy cost. The payment for energy is the per kWh payment by the Company to the Customer for energy delivered to the Company from the Customer.

### Option A – Standard Basic Avoided Energy Cost Rate

Payment for energy produced by customers and delivered to the Company under Option A will be measured on a billing month basis and priced on a seasonally differentiated basis.

- On-Peak Season - Billing Months of July through October
- Off-peak Season - Billing Months of November through June

### Option B – Time-of-Day Basic Avoided Energy Cost Rate

Payment for energy produced by customers and delivered to the Company under Option B will be measured on a billing month basis and priced on a time differentiated basis. The hours for the determination of the time-of-day rates are set forth below:

- On-Peak Season - Billing Months of July through October:  
On-Peak Hours: 10 a.m. to 9 p.m. Monday through Friday, except Holidays listed below.  
  
Off-Peak Hours: 9 p.m. to 10 a.m. Monday through Friday, and all hours on Weekends and Holidays listed below.
- Off-peak Season - Billing Months of November through June:  
  
On-Peak Hours: 7 a.m. to 9 p.m. Monday through Friday, except Holidays listed below.  
  
Off-Peak Hours: 9 p.m. to 7 a.m. Monday through Friday, and all hours on Weekends and Holidays listed below.

Holidays: New Year's Day (January 1), Independence Day (July 4), Labor Day (first Monday of September), Thanksgiving Day (fourth Thursday of November), Christmas Day (December 25).

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## Basic Avoided Energy Cost Rates

The current Option A and Option B Basic Avoided Energy Cost Rates are provided on the Company's Basic Avoided Energy Cost Bulletin.

## Unquantifiable Benefits

Option A and Option B rates shall be adjusted upward to include an adder in the amount of 2.5 ¢/kWh for all participants in recognition of unquantifiable expected benefits of renewable purchases. This 2.5 ¢/kWh adder will remain in place effective either until January 3, 2019 or until such time as modified by order of the Mississippi Public Service Commission.

## Low Income Customers

For customers qualifying as low income, an additional 2.0 ¢/kWh adder will be added to the total benefits of renewable distributed generation rates (i.e. the Company's Basic Avoided Energy Cost Rates plus Unquantifiable Benefits Rate). To qualify, the customer must have annual income below 200% of the Federal Poverty Level as certified by the Catholic Charities Organization. The low income adder will be available to the first 1,000 qualifying applicants on a first-come, first-served basis, and will be in effect for a period of fifteen (15) years from the date the qualified customer begins taking Net Metering service under this rate schedule.

## PAYMENT

Statements covering charges and credits for energy received from the customer shall be rendered monthly. All credits will be accumulated and netted against any variable charges on the monthly bill. Credits will not offset any fixed charges on the bill, including but not limited to the monthly Base Charge, Minimum Bill charge and any other non-variable monthly charge approved by the Mississippi Public Service Commission.<sup>1</sup> Bills for any outstanding charges are payable upon receipt. Outstanding credits will be dispersed upon termination of service and closing of account.

## RENEWABLE ENERGY CREDITS

Upon acceptance of this rate schedule and the associated compensation within by the customer, the customer shall voluntarily transfer their Renewable Energy Credits (RECs) to the Company.

## GENERAL

Service under this rate is subject to Rules and Regulations approved or prescribed by the Mississippi Public Service Commission, particularly those Special Rules and Regulations governing the application of this rate.

<sup>1</sup> The Company has requested a temporary waiver for this provision in order to assess potential changes to its billing system in order to properly implement this provision.

**BASIC AVOIDED ENERGY COST BULLETIN**

**SUBJECT:** Basic Avoided Energy Cost Bulletin

**APPLICABILITY:** Cogeneration and Small Power Production Purchases “CSPP-4”, Net Metering “RENM”

**DATE OF ISSUE:** September 8, 2016

**DISTRIBUTION:** Retail Rate Book Holders

In accordance with provisions of the Company’s Cogeneration and Small Power Production Purchases Rate Schedule “CSPP-4” and Renewable Energy Net Metering Rate Schedule “RENM” approved by the Mississippi Public Service Commission, energy will be purchased by the Company from the Customer at the Basic Avoided Energy Cost prices set forth below:

**Option A- Standard Rate**

	<b>A</b>	<b>B=A+2.5</b>	<b>C=B+2.0</b>
Billing Months	Basic Avoided Energy Cost ¢/kWh	RENM ¢/kWh	RENM Low Income ¢/kWh
July-Oct	2.92	5.42	7.42
Nov-Jun	2.44	4.94	6.94

**Option B- Time of Day Rate**

	<b>A</b>	<b>B=A+2.5</b>	<b>C=B+2.0</b>
Billing Months	Basic Avoided Energy Cost ¢/kWh	RENM ¢/kWh	RENM Low Income ¢/kWh
<b>On-Peak Season: July-Oct</b>			
On-Peak Hours:	3.62	6.12	8.12
Off-Peak Hours:	2.59	5.09	7.09
<b>Off-Peak Season: Nov-Jun</b>			
On-Peak Hours:	2.66	5.16	7.16
Off-Peak Hours:	2.29	4.79	6.79