

**BEFORE THE PUBLIC SERVICE COMMISSION
OF
THE STATE OF MISSISSIPPI**

MISSISSIPPI POWER COMPANY
EC120009700

DOCKET NO. 2016-UN-033

IN RE: NOTICE OF INTENT OF MISSISSIPPI POWER COMPANY TO
ESTABLISH THE RENEWABLE ENERGY NET METERING RATE

ORDER

THIS CAUSE came on for consideration before the Mississippi Public Service Commission ("Commission") on the filing by Mississippi Power Company of its Revised Notice of Intent to Establish the Renewable Energy Net Metering Rate, filed in this docket on August 31, 2016. This Commission, being fully apprised in the premises and having considered the documents and record before it, does hereby find and order as follows:

1. The Mississippi Renewable Energy Net Metering Rule ("MRENMR") requires each electric utility to "file with the Commission net metering tariffs consistent with the provisions of this rule for consideration and approval by the Commission." On March 3, 2016, MPC requested as a routine change in rates approval of its Renewable Energy Net Metering ("RENMR") rate schedule. MPC also filed for approval certain form Interconnection Applications and Agreements consistent with the requirements of the Mississippi Distributed Generator Interconnection Rule ("MDGIR").

2. Before MPC's March 3rd filing could be taken up by the Commission, other net metering programs were considered and approved by the Commission. In an effort to ensure greater consistency among the state's utilities and in order to make MPC's net metering program more closely resemble those already being implemented within the state, on August 31, 2016, MPC submitted a Revised Notice of Intent. MPC's Revised Notice of Intent added several new exhibits and amended the RENM rate schedule and form Interconnection Applications and Agreements originally submitted on March 3rd. In addition, MPC altered the format of its Basic Avoided Energy Cost bulletin, in order to more clearly show the rates payable to net metering customers.¹ These changes will allow the Commission and Staff to better track the cost and performance of MPC's net metering program and will also help make the program more accessible and understandable for customers.

3. The Staff has conducted an extensive investigation of MPC's March 3rd, August 31st, and September 1st net metering filings and has had the benefit of data and information submitted by the Company in the discovery process. During the course of this process, the Staff and MPC have identified items that need further clarification in the RENM schedule and in MPC's form Interconnection Applications and Agreements, as well as other potential changes to more accurately track net metering costs and to protect non-participating customers from unfairly bearing net metering and CSPP-related costs. The Staff and Company entered and filed a Stipulation on September 6, 2016, to address these concerns.

¹ MPC's Basic Avoided Energy Cost bulletin was again revised on September 1, 2016, to correct a mathematical error.

4. The Commission approves the clarifications to the RNEM tariff, rate schedule and related Interconnection Applications and Agreements reflected in the Joint Stipulation and attachments thereto.

5. First, the Commission finds MPC's increase of the RENM rate schedule Facility Upgrade Charge from \$50 to \$87 to be reasonable. MPC's Facility Upgrade Charge, presented in the RENM rate schedule, represents the one-time service charge applicable to customers requiring a meter replacement in order to participate in the RENM rate. Although the Commission finds that it is desirable to minimize the barriers to entry for customer-sited generation, it is equally important that non-participating customers not bear the costs of RENM customers' participation. This change is designed to minimize the cross-subsidies between participating and non-participating customers; the \$87 charge will offset the incremental cost of the dual channel meter used by RENM customers.

6. Second, the Commission finds that the Low Income Rental Property Addendum to MPC's Level 1 Interconnection Application and Agreement is just, reasonable, and appropriate to outline the guidelines and processes applicable to rental property in general and specifically for rental property for which the low-income adder is being requested.

7. Third, the Commission finds the Company's request for a temporary waiver from the Net Metering Rule requirement that "credit for any excess energy . . . shall not be applied to reduce any fixed monthly customer charges or minimum bill provisions" is reasonable and finds that a temporary waiver as requested is

appropriate and should be granted. MPC's current billing system does not support this capability, but there is no concern that the current process will prevent the full value of any excess energy from being appropriately credited to customers' bills timely. In fact, MPC's current process will result in customers receiving their excess credit quicker than originally contemplated under the Commission's rule. MPC is directed to report annually to the Staff the status of its billing system and the cost feasibility of making the required modifications until such time as full compliance can be obtained.

8. Fourth, the Commission grants to the Company a waiver of the requirement contained in the provision of the MDGIR, Chapter 12, paragraph 100, "Level 1 interconnections do not require an external isolation device." Based upon information and data presented by the Company during the Staff's investigation of this docket, the Company asserts and the Staff does not object that safety reasons necessitate the provision in the Level 1 Interconnection Agreement requiring the Customer to install an industry-approved disconnect switch that is accessible to Company personnel at all hours.

9. Fifth, the Commission finds the proposed changes to the Company's proposed Energy Cost Management ("ECM") schedule as discussed in the Stipulation are just and reasonable. With respect to net metering program costs, the Company's ECM-2A schedule shall allow for the recovery of only (i) costs incurred for customer communications pursuant to Commission Order and (ii) any

other Commission-ordered expenses related to the MRENMR and MDGIR; all other net metering program costs will be recovered through MPC's PEP rate schedule.

10. Sixth, the Commission also finds that the Level 1, 2, and 3 form Interconnection Application and Agreements submitted as Stipulation Attachment "B", as well as the revised ECM-2A rate schedule submitted as Stipulation Attachment "C" are just and reasonable, consistent with applicable law and the rules of the Commissions.

IT IS, THEREFORE, ORDERED that the Commission hereby adopts as its own the Joint Stipulation entered between the Public Utilities Staff and Mississippi Power Company on September 6, 2016, and said Joint Stipulation is incorporated by reference into this Order.

ORDERED that MPC's RENM tariff; rate schedule; Level 1, 2 and 3 form Interconnection Application and Agreements; and MPC's revised ECM-2A rate schedule are approved for use within the next full billing cycle following the issuance of this order. It is further,

ORDERED that to the extent that MPC's RENM rate schedule; Level 1, 2, and 3 form Interconnection Application and Agreements; and MPC's revised ECM-2A rate schedule are inconsistent with the requirements and terms of any prior Orders in this docket, the Commission grants a waiver for any such requirement.

This Order shall be deemed issued on the day it is served upon the parties herein by the Executive Secretary of this Commission who shall note the service date in the file of this Docket.

Chairman Brandon Presley voted aye; Vice Chairman Cecil Brown voted aye; and Commissioner Samuel F. Britton voted aye.

SO ORDERED by the Commission on this the 8th day of September, 2016.

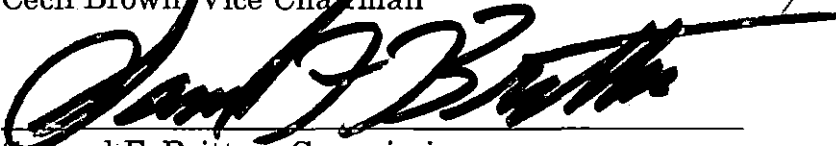
MISSISSIPPI PUBLIC SERVICE COMMISSION



Brandon Presley, Chairman



Cecil Brown, Vice Chairman



Samuel F. Britton, Commissioner

ATTEST: A True Copy



Katherine Collier, Executive Secretary



Effective this the 8th day of September, 2016.

BEFORE THE MISSISSIPPI PUBLIC SERVICE COMMISSION

**MISSISSIPPI POWER COMPANY
EC-120-0097-00**

DOCKET NO. 2016-UN-033

**IN RE: NOTICE OF INTENT OF MISSISSIPPI POWER COMPANY TO
ESTABLISH THE RENEWABLE ENERGY NET METERING RATE**

STIPULATION

This stipulation is entered into by and between the Mississippi Public Utilities Staff (“Staff”) and Mississippi Power Company (“MPC” or the “Company”) pursuant to RP 13 of the Mississippi Public Service Commission’s (“Commission”) Public Utilities Rules of Practice and Procedure (“Rules”).

The Staff has had the benefit of full discovery as prescribed by Mississippi law and the Rules. The Staff has conducted an extensive investigation of the Company’s filing and has had the benefit of substantial amounts of data produced in discovery. This stipulation is entered into as a result of the filings and supporting documentation submitted by the Company in Docket No. 2011-AD-002 and in this Docket; the extensive discussions and information exchanged between the Staff and the Company; and the research and investigation conducted by the Staff in this proceeding.

It is hereby stipulated and agreed as follows between the Staff and MPC.

JURISDICTION AND SUFFICIENCY OF THE FILING

1. The Staff and the Company agree that the Commission has jurisdiction over the parties and subject matter in this proceeding.
2. The Staff and the Company agree that the filings, data, documentation and exhibits to Docket No. 2016-UN-033 submitted by MPC with its Notice of Intent to Establish the Renewable Energy Net Metering Rate (and/or all subsequent revisions thereto, including the

stipulation exhibits filed herewith) comply with all of the requirements of the Mississippi Renewable Energy Net Metering Rule (“MRENMR”), the Mississippi Distributed Generator Interconnection Rule (“MDGIR”), and Mississippi law. The Staff and the Company further agree that there is substantial evidence to support each and every stipulation made herein and to approve the Company's filing in this docket, as modified by this stipulation.

BACKGROUND

3. On December 3, 2015, the Commission entered its Order in Docket No. 2011-AD-002 adopting the MRENM and MDGIR. The MRENMR required that each electric utility “file with the Commission net metering tariffs consistent with the provisions of this rule for consideration and approval by the Commission.” In accord with that provision, on March 3, 2016, MPC requested in Docket No. 2016-UN-033 approval of its Renewable Energy Net Metering Rate Schedule (“RENM”). MPC simultaneously filed for approval certain form Interconnection Applications and Agreements consistent with the MDGIR.

4. Before MPC’s March 3rd filing could be taken up by the Commission, other net metering programs were considered and approved by the Commission. In an effort to ensure greater consistency among the state’s utilities and in order to make MPC’s net metering program more closely resemble those already being implemented within the state, on August 31, 2016, MPC submitted a Revised Notice of Intent. MPC’s Revised Notice of Intent added several new exhibits and amended the RENM rate schedule and form interconnection applications and agreements originally submitted on March 3rd. In addition, MPC altered the format of its Basic Avoided Energy Cost bulletin, in order to more clearly show the rates payable to net metering customers. These changes will allow the Commission and Staff to better track the cost and performance of MPC’s net metering program and will also help make

the program more accessible and understandable for customers. On September 1st, MPC revised its Exhibit “G” to correct a mathematical error.

5. The Staff has conducted an extensive investigation of MPC’s March 3rd, August 31st, and September 1st net metering filings and has had the benefit of data and information submitted by the Company in the discovery process. During the course of this process, the Staff and MPC have identified items that need further clarification in the RENM schedule and in MPC’s form interconnection applications and agreements, as well as other potential changes to more accurately track net metering costs and to protect non-participating customers from unfairly bearing net metering and CSPP-related costs. This Stipulation entered between MPC and the Staff is intended to address these concerns.

SETTLEMENT TERMS

6. First, the Staff and Company stipulate to MPC’s increase of the RENM rate schedule Facility Upgrade Charges from \$50 to \$87. MPC’s Facility Upgrade Charge, presented in the RENM rate schedule, represents the one-time service charge applicable to customers requiring a meter replacement in order to participate in the RENM rate. Although both the Company and Staff agree that it is desirable to minimize the barriers to entry for customer-sited generation, it is equally important that non-participating customers not bear the costs of RENM customers’ participation. This change is designed to minimize the cross-subsidies between participating and non-participating customers; the \$87 charge will offset the incremental cost of the dual channel meter used by RENM customers. The RENM tariff and rate schedule is attached hereto as Attachment “A”.

7. Second, the Staff and Company agree that MPC’s Level 1, Level 2, and Level 3 form Interconnection Application and Agreements would benefit from additional clarifying

language. The Staff has proposed, and MPC has agreed to, the addition of language clarifying interconnection customers' opportunity to retain renewable energy credits associated with their distributed generation facilities' excess generation. The Staff and MPC have also agreed to several, more minor changes intended to clarify MPC's interconnection documents, all as presented in Attachment "B" to the Stipulation.¹

8. Third, the Staff and Company agree that it is desirable to provide further guidance and specifications for requests for service under the RENM Schedule for rental property. To that end, the Staff and Company agree that the Low Income Rental Property Addendum to MPC's Level 1 Interconnection Application and Agreement is just, reasonable, and appropriate to outline the guidelines and processes applicable to rental property in general and specifically for rental property for which the low-income adder is being requested.

9. Fourth, based upon information and data presented by the Company during the Staff's investigation of this docket, and based upon information and data presented during the Staff's investigation of other utilities' net metering programs, the Company asserts and the Staff does not object that MPC should be granted a waiver of the requirement contained in the provision of the MDGIR, Chapter 12, paragraph 100, "Level 1 interconnections do not require an external isolation device." This waiver will permit the Company to require installation of an industry-approved disconnect switch for Level 1 customers that is accessible to Company personnel at all hours, as necessitated by important safety concerns.

10. Fifth, the Company and Staff agree that the Company's Energy Cost Management Clause Schedule "ECM-2A", including the suggested revisions included in Exhibit "E" to the Company's August 31st filing, shall be further modified. With respect to net metering program

¹ These stipulation exhibits correspond with the Exhibits "B", "C", "B" Revised, and "C" Revised previously submitted in Docket No. 2016-UN-033.

costs, the Company's ECM-2A schedule shall allow for the recovery of only (i) costs incurred for customer communications pursuant to Commission Order and (ii) any other Commission-ordered expenses related to the MRENMR and MDGIR; all other net metering program costs will be recovered through MPC's PEP rate schedule. The Company and Staff stipulate to the revisions presented in Attachment "C" to the Stipulation.

11. Finally, the Company and Staff stipulate to a temporary waiver from the Net Metering Rule requirement that "credit for any excess energy . . . shall not be applied to reduce any fixed monthly customer charges or minimum bill provisions." MPC's current billing system does not support this capability, and MPC has estimated that it would cost more than \$800,000 to make the modifications necessary to fully comply with the Net Metering Rule as written. Nevertheless, there is no concern that the current process will prevent the full value of any excess energy from being appropriately credited to customers' bills timely. In fact, MPC's current process will result in customers receiving their excess credit quicker than originally contemplated under the Commission's rule. Therefore, the Company and Staff agree that granting MPC a waiver of this requirement is just, reasonable and within the best interests of MPC's customers. In addition, it is agreed that MPC will report annually to the Staff the status of its billing system and the cost feasibility of making the required modifications until such time as full compliance can be obtained.

12. Based on the foregoing, the Company and Staff agree and stipulate that the changes presented in Stipulation Attachments "A", "B", "C"—all discussed *supra*—are just and reasonable and should be approved by the Commission. The Staff notes that the MRENMR requires that the Company develop and file a communication plan related to the net metering program, which was timely submitted by the Company in its various filing in this docket.

Because the MRENMR does not require specific Commission approval of the communication plan, the Staff has not reviewed the plan in detail nor is it offering an opinion concerning the substance of the filed communication plan. The Company and Staff further agree to the approval of the remainder of MPC's August 31st and September 1st filings in Docket No. 2016-UN-033 to the extent those filings have not been altered by this Stipulation.

OTHER PROVISIONS


13. The Staff and the Company understand and expressly agree that, except as previously stated, the stipulations made herein are for the purpose of this proceeding only and shall not apply to or be used as precedent in any other proceeding of MPC or any other utility.

14. It is agreed that this stipulation is expressly conditioned upon acceptance by the Commission of all of its provisions. It is also specifically understood and agreed that this stipulation is interdependent, non-separable and that if the Commission does not accept this stipulation in its entirety, neither the Staff nor MPC will be thereafter bound by any of its provisions.

15. Both the Staff and Company agree that the changes proposed in this Stipulation are just and reasonable and in the best interest of the customers, the Company and the general public.

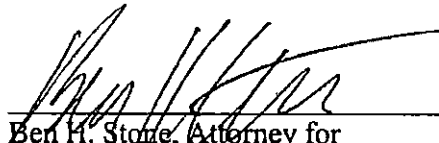
SO STIPULATED, this the 6th day of September, 2016.

MISSISSIPPI PUBLIC UTILITIES STAFF

By: 
Virden Jones, Executive Director

MISSISSIPPI POWER COMPANY

MISSISSIPPI POWER COMPANY

By: 
Ben H. Stone, Attorney for
Mississippi Power Company

ATTACHMENT A

RENEWABLE ENERGY NET METERING RATE SCHEDULE "RENM"



Mississippi Public Service Commission Schedule No. ____

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
1 of 3		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.

RENEWABLE ENERGY NET METERING RATE SCHEDULE "RENM"



Mississippi Public Service Commission Schedule No. ___

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
2 of 3		ORIGINAL

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).

RENEWABLE ENERGY NET METERING RATE SCHEDULE "RENM"



Mississippi Public Service Commission Schedule No. __

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
3 of 3		ORIGINAL

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.¹ 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.

¹ 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:

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

	A	B=A+2.5	C=B+2.0
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

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

ATTACHMENT B

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



GENERAL INSTRUCTIONS

In order to help you participate in Mississippi Power's Net Metering program, we have attached to these instructions a copy of Mississippi Power Company's (MPC or the Company) standard Interconnection Application and Agreement for Level 1 (20kW and less) interconnection requests. By completing and submitting this document (and by providing, as necessary, all required supplemental documentation) you may request to participate in Mississippi Power Company's Net Metering program, as described in greater detail in the materials attached. Upon acceptance into the Net Metering program, applicants will receive formal permission to begin sustained interconnected operation. For safety reasons, you may not begin interconnected operation until this approval has been received. Applicants may be placed on a waiting list if the Net Metering program is fully subscribed.

Mississippi Power Company uses the same standard application for all customers requesting interconnection at a given level, including those not interested in participating in Mississippi Power's Net Metering program. The attached application will allow you to indicate your interest in the program, or to apply only for interconnection service without participating in the Net Metering program. Certain portions of the application may require the assistance of your contractor or installer to complete.

For all applicants, your application and interconnection is governed by the Mississippi Public Service Commission's Mississippi Distributed Generator Interconnection Rule (MDGIR). For applicants interested in Net Metering, your application and interconnection is also governed by the Mississippi Public Service Commission's Mississippi Renewable Energy Net Metering Rule (MRENMR) and Mississippi Power's Net Metering Rate Rider (RENM). Additional information regarding net metering in Mississippi as well as links to the applicable Mississippi Power Tariffs and Commission Rules are accessible online at www.mississippipower.com.

To initially qualify for Level 1 review, your generator equipment must be (i) inverter-based, (ii) have a nameplate capacity of 20kW or less; and (iii) be Certified according to the MDGIR (see the MDGIR and/or later sections of this application for further information regarding certification).

MPC requires that you submit your Level 1 application at least thirty (30) days before your desired interconnection date. You will be notified within ten (10) business days of submission whether your application is complete or incomplete. If deemed incomplete, you will be asked for additional or clarifying information. When the application is determined to be complete you will be assigned a Queue Number that will establish your position among applicants seeking to qualify for the Net Metering program, or to otherwise interconnect with the MPC grid. Within fifteen (15) business days of determining your application is complete MPC will perform an Interconnection Review, including screens to determine any Adverse System Impacts, and will notify you either that your application is Conditionally Approved, or that your application is denied, along with the reasons for the denial. There are no fees or other charges associated with the processing of a Level 1 application. If your application does not meet the requirements for Level 1, you may resubmit the application under Level 2 or Level 3 procedures.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



Final Approval of your application and the associated Interconnection Agreement is subject to (i) your generator equipment and installation being approved by appropriate local code office(s), (ii) receipt by MPC of a completed Certificate of Completion, and (iii) completion by MPC of the Witness Test, as defined in the MDGIR. MPC requires a minimum of 48 hours' notice from you or your installer to schedule the Witness Test.

In order for you to participate under certain MPC rate riders or tariffs, it may be necessary for MPC to replace your electric meter. MPC will replace your electric meter, if required, within 10 business days after your application and agreement are properly executed. Failure to complete and return any of the required documents could cause a delay in reviewing your application and in providing approval for your project. We look forward to working with you on providing a final approval for your application.

You may submit your package by delivering it to a local Bill Pay Office, by e-mailing your application and agreement to [address to be provided following Commission approval], or by physically mailing to:

[address to be provided following Commission approval]

For additional assistance, please call 1-855-693-8326.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



I. Application

Customer Information

Customer Name (as shown on account) _____

Service Point Address _____

Electric Service Account Number(s) _____

Phone Number _____

Email Address _____

Note: For applicants that are not currently a Mississippi Power customer, Company may require proof of site control at the proposed project location in the form of a property tax bill, lease agreement, or other legally binding contract.

Installer Information

Installer Name _____

Installer Address _____

Primary Contact (Project Manager) Name, E-mail, and Phone
_____/_____/_____

Contractor License Number _____

Generator Facility Information

Please list all the inverters/generators that will be interconnected to Mississippi Power Company. For equipment ratings, please use the nameplate rating found on the equipment or in the equipment specifications. It may be helpful to speak with the equipment manufacturer or a qualified contractor before providing the information below. Please attach manufacturer's specification sheets if available.

Generator Type (Wind, Solar, Biomass, etc.) _____

Inverter(s) / Generator(s) Manufacturer and Model Number _____

Inverter(s) / Generator(s) Rated Output (kW) _____

Total Number of Inverters _____

Does Inverter/Generator meet the requirements of UL Standard 1741? _____

Inverter(s) / Generator(s) Output Voltage Rating _____

Check One: Single Phase _____ Three Phase _____

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



Complete if requesting interconnection for a solar facility:

Panel Manufacturer and Model No. _____

Panel Rated Output (watts) _____

Number of Panels _____

Total/aggregate System Capacity (kW-dc)

Will system be roof- or ground-mounted? _____

Solar Array Tilt (degrees) _____ Solar Array Azimuth (degrees) _____

Expected Generator Start-up Date _____

Additional Information (Not Required) _____

Additional Information

Where possible, please submit a single-line drawing of the installation that includes at minimum the utility meter, interconnection equipment and wiring additions, and existing wiring sufficient to indicate point of interconnection. Although this information need not be submitted in advance, a delay in providing this information may delay the overall interconnection and approval process.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



II. Customer Elections

All customers applying for interconnection must accept the applicable terms provided in Section III of this Application. Applicants must also indicate whether they wish to participate in the Net Metering program or Cogeneration and Small Power Production ("CSPP") rate. If you do not wish to participate in the Net Metering program or CSPP rate, you may still apply for interconnection with Mississippi Power Company, but customers may only pick one option.

- **I agree to the terms listed under the heading "III. Agreement" below.¹**
 - Yes _____ No _____

- Please choose which program you would prefer to participate in (choose only one):
 - RENM, Renewable Energy Net Metering _____
 - CSPP, Cogeneration and Small Power Production _____

I agree to transfer the rights to any Renewable Energy Credits ("RECs") associated with my proposed Facility to Mississippi Power Company. (By selecting yes, you will be eligible to receive the Non-Quantifiable Expected Benefits Adder as a component of your Total Benefits of Distributed Generation)²

- Yes _____ No _____

If no, please confirm you understand that retaining the RECs associated with your proposed Facility means you will not be eligible to receive the Non-Quantifiable Expected Benefits Adder as a component of your Total Benefits of Distributed Generation

_____ (please initial, if applicable)

Net Metering and CSPP participants must also choose Option A or Option B, as discussed in the net metering and CSPP rate schedules, and residential Net Metering participants may request designation as a low income customer.³ Qualifying as a "low-income customer" for purposes of Mississippi Power's Net Metering program may enable you to receive a larger payment for excess energy produced by your generating facility than would otherwise be available.

Please check your preferred option: Option A (Seasonal) _____ Option B (Seasonal with Time-of-Day Pricing) _____

I would like to apply for qualification as a "low-income customer" (only available to Net Metering program participants): Yes _____ No _____

¹ Applicants not requesting to participate in the Net Metering program shall only agree to the General Agreements below.

² An effective transfer of RECs will require that the customer agree not to claim as their own any renewable properties or other environmental benefits or attributes associated with excess generation sold back to Mississippi Power Company under the net metering rate. The customer may communicate that they have installed renewable generation, so long as the customer also clarifies that all of their excess renewable energy is sold to Mississippi Power Company. For more information about renewable energy claims, including claims about "hosting" a renewable energy generation resource, please refer to the Federal Trade Commission's "Green Guides," available at: <https://www.ftc.gov/enforcement/rules/rulemaking-regulatory-reform-proceedings/guides-use-environmental-marketing-claims>.

³ For purposes of this program, the Public Service Commission defines low-income customers as those whose household income is at or below 200% of the federal poverty level. MPC will verify the income of any customers choosing the low-income designation.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



III. Interconnection Agreement

By signing this document, I represent that I understand and agree to the following terms.

General Agreements

- Certificate of Completion. I understand that I must provide a Certificate of Completion to Mississippi Power Company before my application is approved, which will require that I contact appropriate authorities having jurisdiction for permit and inspections as applicable.
- Witness Testing. I agree and understand that I am responsible for coordinating witness testing as necessary between the installer and Mississippi Power Company. Witness tests, as defined by the Commission's interconnection rule, means "verification (through on-site observation) by the [Electric Utility] that the installation evaluation required by IEEE Standard 1547 Section 5.3 and the Commissioning Test required by IEEE Standard 1547 Section 5.4, have been adequately performed. For Interconnection Equipment that has not been Certified, the Witness Test shall also include the verification by the [Electric Utility] of the on-site design tests as required by IEEE Standard 1547 Section 5.1 and verification by the EU of Production Tests required by IEEE Standard 1547 Section 5.2 ..."
- Beginning of Operation. I agree that I will not begin interconnected operation, other than for the above described testing, of my generating unit until receiving official authorization from Mississippi Power Company to begin doing so.
- Applicable Laws, Regulations and Policies. Unless otherwise specifically stated herein, the interconnection service provided to Customer shall be rendered in accordance with the terms and conditions contained herein and all applicable federal and state laws, regulations and rules and the Company's applicable rules, policies and rate schedules as approved and amended from time to time by the Mississippi Public Service Commission, which are hereby incorporated herein by reference, including but not limited to the Commission's Mississippi Distributed Generator Interconnection Rule; the Company's Rules Governing Electric Service and Customer Electric Generator Interconnection Policy; the Southern Company Interconnection Policy and the Southern Company Power Quality Policy.⁴
- Term. This Agreement shall continue in effect thereafter until terminated by either party providing written notice to the other in accordance with the Company's applicable rules, regulations and rate schedules.
- Generator Operation. In operating its equipment, Customer shall comply, if applicable, with the National Fire Protection Association Code, the American National Electrical Code, the National Electric Safety Code and other applicable code requirements as applied to the Company's electric system for generating plants owned or operated by the Company. Customer shall have the sole responsibility to, at its sole expense, manage, control, operate and maintain its facilities in accordance with the requirements set forth herein and with good utility practices. Customer's generator output waveform shall be 60 Hertz, sinusoidal, and free of harmonic components or fluctuations, unacceptable voltage fluctuations and overloads that may interfere with the safe, economic and reliable operation

⁴ MPC's "Rules Governing Electric Service" are available at http://www.mississippipower.com/pdf/Rules_Governing_Electric_Service.pdf. MPC's Customer Electric Generator Interconnection Policy is available at [link to be provided following Commission approval]. The Southern Company Interconnection Policy is available at [link to be provided following Commission approval]. The MDGIR is available at [link to be provided following Commission approval]. The Southern Company Power Quality Policy is available at [link to be provided following Commission approval].

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



of Company's electrical and communication system and/or the quality of electric service rendered to other Company customers. Interference determinations shall be made by the Company consistent with generally accepted or prevailing standards in the electric utility industry. When required, the Customer shall provide and maintain, at its expense, equipment designed to cure the interference or such other corrective measure that is satisfactory to the Company and consistent with generally accepted or prevailing standards in the electric industry.

- Inspection Rights. Company shall have the right to inspect the Customer-owned facilities to ensure compliance with the terms and conditions of this Contract.
- Temporary Disconnection. Company shall have the right to temporarily disconnect from the Customer's generating equipment during any system emergency, as defined in the Commission's Service Rules or as necessary, in the Company's discretion, to ensure the safe and reliable operation of the Company's electric system. The Customer shall install an industry-accepted manually operated and lockable generator disconnect switch located near the service delivery point and which is readily accessible to Company personnel. In the event of a temporary disconnection, Company shall use all reasonable means to notify the Customer prior to disconnecting.
- Ownership. Any and all of the electric facilities and equipment installed or constructed by the Company on the Company side of the point of delivery shall remain property of the Company. Any charges paid by the Customer for any facilities or equipment provided by the Company or for any work performed by the Company shall not convey title to the Customer for such facilities and equipment.
- Limitation of Liability. It is the responsibility of the Customer to provide for the protection of its equipment from hazards resulting from parallel operation with Company's electric system. Company does not guarantee that service will be free from, and Company shall not be liable for, interruptions, surges, voltage fluctuations or disturbances. Company shall have no liability for any loss or damage resulting from interconnection to the Company's facilities or from any loss of service, or delay in providing service.
- Mutual Indemnity. Company and Customer, as applicable, mutually agree to pay, protect, indemnify, and hold harmless the other, its parent corporation, any affiliated entity and each of their collective officers, directors, employees, representatives, agents or contractors from and against, any and all liabilities, losses, damages, costs, expenses (including all reasonable attorneys' fees and expenses), causes of action, suits, claims, demands, or judgments of any nature whatsoever arising from any injury to, or the death of, any person, or any damage to property in any manner growing out of or connected with any negligent or intentional act made in connection with this Agreement on the part of the indemnifying party or any of its agents, contractors, sublessees, licensees, or invitees.
- Commission Approval. To the extent applicable, this Agreement is specifically subject and conditioned upon the approval of the Mississippi Public Service Commission.
- Assignment of Contract. Customer shall not assign this Agreement without written consent of Company.
- Remedies. In the event of default by either party, the non-defaulting party may pursue any and all judicial and administrative remedies and relief available.
- Non-waiver. The parties agree that this Agreement does not preclude Company from collecting any additional costs as directed or authorized by a legislative body, administrative body, or court having jurisdiction over such issues.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 1 (20KW and less)



- Additional Provisions. Additional provisions terms and conditions may be set forth in addenda to this Agreement. Such addenda, when executed by the parties and attached hereto, shall become part of this Agreement and be incorporated as if set forth fully herein. The terms of any such addenda shall be controlling over any conflicting terms set forth herein.
- Miscellaneous. A waiver of one or more defaults by either party shall not be deemed a waiver of any other or subsequent default by such party. This Agreement, upon becoming effective, shall cancel and supersede any previously existing agreement covering interconnection by Company to Customer at said premise. This Agreement, those documents incorporated herein by reference and any attachments hereto constitute the entire agreement between the parties. No modification of this Agreement shall be binding unless it is in writing and accepted by Customer and Company. This Agreement shall be governed by the laws of the State of Mississippi.
- Modifications. I understand that any modifications to my generator system will require that I file a new interconnection request with Mississippi Power Company.

Net Metering Agreements

The following agreements will apply only if applying for the Net Metering program:

- I agree to participate fully in the Renewable Energy Net Metering (RENM) rate tariff, which may include meter fees, and any subsequent amendments approved by the Mississippi Public Service Commission.
- I agree that, in addition to the agreements, rules and policies discussed above, this interconnection agreement and service will be governed by the Commission's Mississippi Renewable Energy Net Metering Rule.
- I agree to cooperate in any efforts by Mississippi Power Company to obtain certifications or to fulfill other administrative steps required to effectively transfer renewable energy credits to Mississippi Power Company (this agreement is applicable only to those customers opting to transfer their RECs).

SIGNATURE

I have reviewed all three sections of this document, and all documents referenced and incorporated herein, and agree to the terms listed under the heading "III. Agreement" above.

Name (Print) _____

Signature _____

Date _____

LOW INCOME RENTAL PROPERTY ADDENDUM TO MISSISSIPPI POWER COMPANY'S STANDARD INTERCONNECTION APPLICATION AND AGREEMENT FOR RESIDENTIAL NET METERING FACILITIES (for systems 20 kW or less)

This Rental Property Addendum to Mississippi Power Company's ("MPC" or the "Company") Standard Interconnection Application and Agreement for Residential Net Metering for systems 20 kW or less ("Net Metering Rental Property Addendum") between the Company and _____ ("Net Metering Facilities Owner") is entered as of the _____ Day of _____, 201__ (the "Effective Date").

WHEREAS, MPC offers net metering for electric service to qualifying customers pursuant to the Company's Renewable Energy Net Metering rate schedule (RENM), and

WHEREAS, the Net Metering Facilities Owner owns rental property that serves exclusively low income tenants whose household income is at or below 200% of the federal poverty level and also intends to install, own and maintain one (or more) qualifying net metered Distributed Generator Facility ("DGF") at this location of 20 kW or less ("Net Metering Facilities") that is separately, electrically interconnected to each individual rental unit and that otherwise meets the requirements of the applicable rules of the Mississippi Public Service Commission ("MPSC") and the Company's Interconnection Application and Agreement – Level 1; and

WHEREAS, although Net Metering Facilities Owner has executed the Company's Standard Interconnection Agreement for Net Metering Facilities, the Net Metering Facilities Owner's tenants at _____ will take net metering service from Company; and

WHEREAS, Net Metering Facilities Owner and Company wish to memorialize their rights and obligations regarding net metering and such associated Net Metering Facilities at this location subject to the terms and conditions set forth herein;

NOW, THEREFORE, Net Metering Facilities Owner and Company agree as follows:

1. The net metering facility location is rental property with one or more units with the physical address of _____.
2. The Net Metering Facilities Owner (or agent thereof) intends to lease/rent its property including the Net Metering Facilities from time to time exclusively to low income tenants that meet the qualifications described above;
3. When the property or any individual unit located therein, including the Net Metering Facilities is leased/rented to a tenant, the electric service for such property will be billed by the Company to the tenant pursuant to the then-current rates and riders in effect as approved by the MPSC;
4. When any unit within the property including the Net Metering Facilities is not taking electric service from the Company, such related Net Metering Facilities will be de-energized by the Net Metering Facilities Owner pursuant to the Mississippi Distributed Generator Interconnection Rule; the Company's Rules Governing Electric Service and Electric Generator Interconnection Policy; and/or the Southern Company Interconnection Policy and the Southern Company Power Quality Policy;
5. Net Metering Facilities Owner acknowledges and accepts that net metering for a qualifying DGF is designed for a single meter connection to a single qualifying DGF and that a qualifying DGF cannot be connected to more than one rental property unit net meters;
6. In addition to the terms and conditions of this RENM Rate, the Net Metering Facilities Owner's,

or Net Metering Facilities Owner's tenant(s), use of Net Metering Facilities and net metering service, if any, shall be in accordance with, among other things, the MPSC approved Net Metering Rules, and the Net Metering Facilities Owner executed Level 1 Standard Interconnection Application and Agreement (for systems 20 kW or less) and all applicable laws, regulations and policies referenced therein.

7. Neither the Company nor the Net Metering Facilities Owner ("Party") shall voluntarily assign its rights nor delegate its duties under this agreement, or any part of such rights or duties, without the written consent of the other Party, except in connection with the sale or merger of a substantial portion of its properties including Net Metering Facilities which it owns provided that the assignee in such a sale, merger, transfer assumes directly all rights, duties and obligations arising under this agreement, and such assignor shall be, without further action, released from its obligations hereunder.

IN WITNESS WHEREOF, Net Metering Facilities Owner and Company have executed this agreement through their duly authorized representatives as set forth below:

NET METERING FACILITIES OWNER

MISSISSIPPI POWER COMPANY

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



GENERAL INSTRUCTIONS

In order to help you participate in Mississippi Power's Net Metering program, we have attached to these instructions a copy of Mississippi Power Company's (MPC or the Company) standard Interconnection Application and Agreement for Level 2 (2MW and less) interconnection requests. By completing and submitting this document (and by providing, as necessary, all required supplemental documentation) you may request to participate in Mississippi Power Company's Net Metering program, as described in greater detail in the materials attached. Upon acceptance into the Net Metering program, applicants will receive formal permission to begin sustained interconnected operation. For safety reasons, you may not begin interconnected operation until this approval has been received.

Applicants may be placed on a waiting list if the Net Metering program is fully subscribed.

Mississippi Power Company uses the same standard application for all customers requesting interconnection at a given level, including those not interested in participating in Mississippi Power's Net Metering program. The attached application will allow you to indicate your interest in the program, or to apply only for interconnection service without participating in the Net Metering program. Certain portions of the application may require the assistance of your contractor or installer to complete.

For all applicants, your application and interconnection is governed by the Mississippi Public Service Commission's Mississippi Distributed Generator Interconnection Rule (MDGIR). For applicants interested in Net Metering, your application and interconnection is also governed by the Mississippi Renewable Energy Net Metering Rule (MRENMR) and Mississippi Power's Net Metering Rate Rider (RENM). Additional information regarding net metering in Mississippi as well as links to the applicable Mississippi Power Tariffs and Commission Rules are accessible online at www.mississippipower.com.

To initially qualify for Level 2 review, your generator equipment must, (i) have a nameplate capacity of 2MW or less; (ii) be Certified according to the MDGIR (see the MDGIR or later sections of this application for further information regarding certification), and (iii) not cause the aggregate nameplate capacity of all generators on the circuit to exceed 2MW.

MPC requires that you submit your Level 2 application at least sixty (60) days before your desired interconnection date. You will be notified within ten (10) business days of submission whether your application is complete or incomplete. If deemed incomplete you will be asked for additional or clarifying information. When the application is determined to be complete you will be assigned a Queue Number that will establish your position among applicants seeking to qualify for the Net Metering program, or to otherwise interconnect with the MPC grid. Within twenty (20) business days of determining your application is complete MPC will perform an Interconnection Review, including screens to determine any Adverse System Impacts, and will notify you either that your application is Conditionally Approved, or that your application is denied along with the reasons for the denial.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



A processing fee of \$50.00 plus \$1.00 per kW of the nameplate capacity will be assessed for a Level 2 application. These fees, potential engineering costs, and more procedural details are addressed in Chapter 03 of the MDGIR. If your application does not meet the requirements for Level 2 you may resubmit the application under Level 3 procedures. The queue position assigned to the Level 2 Interconnection Request shall be retained provided the request is made within 15 days of notification that the current Interconnection Request is denied.

Final Approval of your application and the associated Interconnection Agreement is subject to (i) completion of milestones identified in the Interconnection Agreement, (ii) your generator equipment and installation being approved by appropriate local code office(s), (iii) receipt by MPC of a completed Certificate of Completion, and (iv) completion by MPC of the Witness Test as defined in the MDGIR. MPC requires a minimum of four (4) business days' notice from you or your installer to schedule the Witness Test.

In order for you to participate under certain MPC rate riders or tariffs, it may be necessary for MPC to replace your electric meter. MPC will replace your electric meter, if required, within 10 business days after your application and agreement are properly executed. Failure to complete and return any of the required documents could cause a delay in reviewing your application and in providing approval for your project. We look forward to working with you on providing a final approval for your application.

You may submit your package by delivering it to a local Bill Pay Office, by e-mailing your application and agreement to [address to be provided following Commission approval], or by physically mailing to:

[address to be provided following Commission approval]

For additional assistance, please call 1-855-693-8326.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



I. Application

Interconnection Customer Information:

Customer: _____
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email Address: _____

Note: For applicants that are not currently a Mississippi Power customer, Company may require proof of site control at the proposed project location in the form of a property tax bill, lease agreement, or other legally binding contract.

Customer's Design/Installation Firm Information:

Customer: _____
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____

Interconnection Customer's Requested In-Service Date: _____

Small Generating Facility Information

Data apply only to the Small Generating Facility, not the Interconnection Facilities.

Energy Source: Solar Wind Hydro Hydro Type (e.g. Run-of- River): _____
 Diesel Natural Gas Fuel Oil Other (state type) _____

Prime Mover: Fuel Cell Recip Engine Gas Turb Steam Turb
 Microturbine PV Other _____

Type of Generator: Synchronous Induction Inverter

Generator Nameplate Rating: _____ kW (Typical) Generator Nameplate kVAR: _____

Interconnection Customer or Customer-Site Load: _____ kW (if none, so state)

Typical Reactive Load (if known): _____

Maximum Physical Export Capability Requested: _____ kW

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



List components of the Small Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Is the prime mover compatible with the certified protective relay package? Yes No

Generator (or solar collector)
Manufacturer, Model Name & Number: _____
Version Number: _____

Nameplate Output Power Rating in kW: (Summer) _____ (Winter) _____
Nameplate Output Power Rating in kVA: (Summer) _____ (Winter) _____

Individual Generator Power Factor
Rated Power Factor: Leading: _____ Lagging: _____

Total Number of Generators in wind farm to be interconnected pursuant to this Interconnection Request: _____ Elevation: _____ Single phase _____ Three phase _____

Inverter Manufacturer, Model Name & Number (if used): _____

List of adjustable set points for the protective equipment or software:

Small Generating Facility Characteristic Data (for inverter-based machines)

Max design fault contribution current: _____ Instantaneous ___ or RMS? _____

Harmonics Characteristics: _____

Start-up requirements: _____

Small Generating Facility Characteristic Data (for rotating machines):

(not required for inverter-based generators)

RPM Frequency: _____
(* Neutral Grounding Resistor (If Applicable): _____

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



Synchronous Generators (not required for inverter-based generators):

Direct Axis Synchronous Reactance, X_d : _____ P.U.
Direct Axis Transient Reactance, X'_d : _____ P.U.
Direct Axis Subtransient Reactance, X''_d : _____ P.U.
Negative Sequence Reactance, X_2 : _____ P.U.
Zero Sequence Reactance, X_0 : _____ P.U.
KVA Base: _____
Field Volts: _____
Field Amperes: _____

Induction Generators (not required for inverter-based generators):

Motoring Power (kW): _____
 $I_2^2 t$ or K (Heating Time Constant): _____
Rotor Resistance, R_r : _____
Stator Resistance, R_s : _____
Stator Reactance, X_s : _____
Rotor Reactance, X_r : _____
Magnetizing Reactance, X_m : _____
Short Circuit Reactance, X_d'' : _____
Exciting Current: _____
Temperature Rise: _____
Frame Size: _____
Design Letter: _____
Reactive Power Required In Vars (No Load): _____
Reactive Power Required In Vars (Full Load): _____
Total Rotating Inertia, H: _____ Per Unit on kVA Base

Excitation and Governor System Data for Synchronous Generators Only (not required for inverter-based generators)

Provide appropriate IEEE model block diagram of excitation system, governor system and power system stabilizer (PSS) in accordance with the regional reliability council criteria. A PSS may be determined to be required by applicable studies. A copy of the manufacturer's block diagram may not be substituted.

Interconnection Facilities Information

Will a transformer be used between the generator and the point of common coupling? ___Yes ___No

Will the transformer be provided by the Interconnection Customer? _____Yes _____No

Transformer Data (If Applicable, for Interconnection Customer-Owned Transformer):

Is the transformer: ___single phase ___three phase? Size: _____kVA
Transformer Impedance: _____% on _____kVA Base

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



If Three Phase:

Transformer Primary:	Volts	Delta	Wye	Wye Grounded
Transformer Secondary:	Volts	Delta	Wye	Wye Grounded
Transformer Tertiary:	Volts	Delta	Wye	Wye Grounded

Transformer Fuse Data (If Applicable, for Interconnection Customer-Owned Fuse):

(Attach copy of fuse manufacturer's Minimum Melt and Total Clearing Time-Current Curves)

Manufacturer: _____ Type: _____ Size: _____ Speed: _____

Interconnecting Circuit Breaker (if applicable):

Manufacturer: _____ Type: _____
 Load Rating (Amps): _____ Interrupting Rating (Amps): _____ Trip Speed (Cycles): _____

Interconnection Protective Relays (If Applicable):

If Microprocessor-Controlled:

List of Functions and Adjustable Setpoints for the protective equipment or software:

<u>Setpoint Function</u>	<u>Minimum</u>	<u>Maximum</u>
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____

If Discrete Components:

(Enclose Copy of any Proposed Time-Overcurrent Coordination Curves)

Manufacturer: _____ Type: _____ Style/Catalog No.: _____ Proposed Setting: _____
 Manufacturer: _____ Type: _____ Style/Catalog No.: _____ Proposed Setting: _____
 Manufacturer: _____ Type: _____ Style/Catalog No.: _____ Proposed Setting: _____
 Manufacturer: _____ Type: _____ Style/Catalog No.: _____ Proposed Setting: _____
 Manufacturer: _____ Type: _____ Style/Catalog No.: _____ Proposed Setting: _____

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



Current Transformer Data (If Applicable):

(Enclose Copy of Manufacturer's Excitation and Ratio Correction Curves)

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Potential Transformer Data (If Applicable):

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

General Information

Enclose copy of site electrical one-line diagram showing the configuration of all Small Generating Facility equipment, current and potential circuits, and protection and control schemes. This one-line diagram must be signed and stamped by a licensed Professional Engineer if the Small Generating Facility is larger than 50 kW. Is One-Line Diagram Enclosed?
_____ Yes _____ No

Enclose copy of any site documentation that describes and details the operation of the protection and control schemes. Is Available Documentation Enclosed? _____ Yes _____ No

Enclose copies of schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable).
Are Schematic Drawings Enclosed? _____ Yes _____ No

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



II. Customer Elections

All customers applying for interconnection must accept the applicable terms provided in Section III of this Application. Applicants must also indicate whether they wish to participate in the Net Metering program or Cogeneration and Small Power Production ("CSPP") rate. If you do not wish to participate in the Net Metering program or CSPP rate, you may still apply for interconnection with Mississippi Power Company, but customers may only pick one option.

- I agree to the terms listed under the heading "III. Agreement" below.¹
 - Yes ___ No ___
- Please choose which program you would prefer to participate in (choose only one):
 - RENM, Renewable Energy Net Metering _____
 - CSPP, Cogeneration and Small Power Production _____

I agree to transfer the rights to any Renewable Energy Credits ("RECs") associated with my proposed Facility to Mississippi Power Company. (By selecting yes, you will be eligible to receive the Non-Quantifiable Expected Benefits Adder as a component of your Total Benefits of Distributed Generation)²

- Yes _____ No _____

If no, please confirm you understand that retaining the RECs associated with your proposed Facility means you will not be eligible to receive the Non-Quantifiable Expected Benefits Adder as a component of your Total Benefits of Distributed Generation

_____ (please initial, if applicable)

¹ Applicants not requesting to participate in the Net Metering program shall only agree to the General Agreements below.

² An effective transfer of RECs will require that the customer agree not to claim as their own any renewable properties or other environmental benefits or attributes associated with excess generation sold back to Mississippi Power Company under the net metering rate. The customer may communicate that they have installed renewable generation, so long as the customer also clarifies that all of their excess renewable energy is sold to Mississippi Power Company. For more information about renewable energy claims, including claims about "hosting" a renewable energy generation resource, please refer to the Federal Trade Commission's "Green Guides," available at: <https://www.ftc.gov/enforcement/rules/rulemaking-regulatory-reform-proceedings/guides-use-environmental-marketing-claims>.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



Net Metering and CSPP participants must also choose Option A or Option B, as discussed in the net metering and CSPP rate schedules, and residential Net Metering participants may request designation as a low income customer.³ Qualifying as a "low-income customer" for purposes of Mississippi Power's Net Metering program may enable you to receive a larger payment for excess energy produced by your generating facility than would otherwise be available.

Please check your preferred option: Option A (Seasonal) _____

Option B (Seasonal with Time-of- Day Pricing) _____

I would like to apply for qualification as a "low-income customer" (only available to Net Metering program participants): Yes _____ No _____

³ For purposes of this program, the Public Service Commission defines low-income customers as those whose household income is at or below 200% of the federal poverty level. MPC will verify the income of any customers choosing the low-income designation.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



III. Interconnection Agreement

By signing this document, I represent that I understand and agree to the following terms.

General Agreements

- Certificate of Completion. I understand that I must provide a Certificate of Completion to Mississippi Power Company before my application is approved, which will require that I contact appropriate authorities having jurisdiction for permit and inspections as applicable.
- Witness Testing. I agree and understand that I am responsible for coordinating witness testing as necessary between the installer and Mississippi Power Company. Witness tests, as defined by the Commission's interconnection rule, means "verification (through on-site observation) by the [Electric Utility] that the installation evaluation required by IEEE Standard 1547 Section 5.3 and the Commissioning Test required by IEEE Standard 1547 Section 5.4, have been adequately performed. For Interconnection Equipment that has not been Certified, the Witness Test shall also include the verification by the [Electric Utility] of the on-site design tests as required by IEEE Standard 1547 Section 5.1 and verification by the EU of Production Tests required by IEEE Standard 1547 Section 5.2 ..."
- Beginning of Operation. I agree that I will not begin interconnected operation, other than for the above described testing, of my generating unit until receiving official authorization from Mississippi Power Company to begin doing so.
- Applicable Laws, Regulations and Policies. Unless otherwise specifically stated herein, the interconnection service provided to Customer shall be rendered in accordance with the terms and conditions contained herein and all applicable federal and state laws, regulations and rules and the Company's applicable rules, policies and rate schedules as approved and amended from time to time by the Mississippi Public Service Commission, which are hereby incorporated herein by reference, including but not limited to the Commission's Mississippi Distributed Generator Interconnection Rule; the Company's Rules Governing Electric Service and Customer Electric Generator Interconnection Policy; the Southern Company Interconnection Policy and the Southern Company Power Quality Policy.⁴
- Term. This Agreement shall continue in effect thereafter until terminated by either party providing written notice to the other in accordance with the Company's applicable rules, regulations and rate schedules.

⁴ MPC's "Rules Governing Electric Service" are available at http://www.mississippipower.com/pdf/Rules_Governing_Electric_Service.pdf. MPC's Customer Electric Generator Interconnection Policy is available at [link to be provided following Commission approval]. The Southern Company Interconnection Policy is available at [link to be provided following Commission approval]. The MDGIR is available at [link to be provided following Commission approval]. The Southern Company Power Quality Policy is available at [link to be provided following Commission approval].

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



- Generator Operation. In operating its equipment, Customer shall comply, if applicable, with the National Fire Protection Association Code, the American National Electrical Code, the National Electric Safety Code and other applicable code requirements as applied to the Company's electric system for generating plants owned or operated by the Company. Customer shall have the sole responsibility to, at its sole expense, manage, control, operate and maintain its facilities in accordance with the requirements set forth herein and with good utility practices. Customer's generator output waveform shall be 60 Hertz, sinusoidal, and free of harmonic components or fluctuations, unacceptable voltage fluctuations and overloads that may interfere with the safe, economic and reliable operation of Company's electrical and communication system and/or the quality of electric service rendered to other Company customers. Interference determinations shall be made by the Company consistent with generally accepted or prevailing standards in the electric utility industry. When required, the Customer shall provide and maintain, at its expense, equipment designed to cure the interference or such other corrective measure that is satisfactory to the Company and consistent with generally accepted or prevailing standards in the electric industry.
- Inspection Rights. Company shall have the right to inspect the Customer-owned facilities to ensure compliance with the terms and conditions of this Contract.
- Temporary Disconnection. Company shall have the right to temporarily disconnect from the Customer's generating equipment during any system emergency, as defined in the Commission's Service Rules or as necessary, in the Company's discretion, to ensure the safe and reliable operation of the Company's electric system. The Customer shall install a generator isolation device complying with Chapter 12 of the MDGIR and which is readily accessible to Company personnel. In the event of a temporary disconnection, Company shall use all reasonable means to notify the Customer prior to disconnecting.
- Ownership. Any and all of the electric facilities and equipment installed or constructed by the Company on the Company side of the point of delivery shall remain property of the Company. Any charges paid by the Customer for any facilities or equipment provided by the Company or for any work performed by the Company shall not convey title to the Customer for such facilities and equipment.
- Limitation of Liability. It is the responsibility of the Customer to provide for the protection of its equipment from hazards resulting from parallel operation with Company's electric system. Company does not guarantee that service will be free from, and Company shall not be liable for, interruptions, surges, voltage fluctuations or disturbances. Company shall have no liability for any loss or damage resulting from interconnection to the Company's facilities or from any loss of service, or delay in providing service.
- Mutual Indemnity. Company and Customer, as applicable, mutually agree to pay, protect, indemnify, and hold harmless the other, its parent corporation, any affiliated entity and each of their collective officers, directors, employees, representatives, agents or contractors from and against, any and all liabilities, losses, damages, costs, expenses (including all reasonable attorneys' fees and expenses), causes of

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



action, suits, claims, demands, or judgments of any nature whatsoever arising from any injury to, or the death of, any person, or any damage to property in any manner growing out of or connected with any negligent or intentional act made in connection with this Agreement on the part of the indemnifying party or any of its agents, contractors, sublessees, licensees, or invitees.

- Commission Approval. To the extent applicable, this Agreement is specifically subject and conditioned upon the approval of the Mississippi Public Service Commission.
- Assignment of Contract. Customer shall not assign this Agreement without written consent of Company.
- Remedies. In the event of default by either party, the non-defaulting party may pursue any and all judicial and administrative remedies and relief available.
- Non-waiver. The parties agree that this Agreement does not preclude Company from collecting any additional costs as directed or authorized by a legislative body, administrative body, or court having jurisdiction over such issues.
- Additional Provisions. Additional provisions terms and conditions may be set forth in addenda to this Agreement. Such addenda, when executed by the parties and attached hereto, shall become part of this Agreement and be incorporated as if set forth fully herein. The terms of any such addenda shall be controlling over any conflicting terms set forth herein.
- Miscellaneous. A waiver of one or more defaults by either party shall not be deemed a waiver of any other or subsequent default by such party. This Agreement, upon becoming effective, shall cancel and supersede any previously existing agreement covering interconnection by Company to Customer at said premise. This Agreement, those documents incorporated herein by reference and any attachments hereto constitute the entire agreement between the parties. No modification of this Agreement shall be binding unless it is in writing and accepted by Customer and Company. This Agreement shall be governed by the laws of the State of Mississippi.
- Modifications. I understand that any modifications to my generator system will require that I file a new interconnection request with Mississippi Power Company.

Net Metering Agreements

The following agreements will apply only if applying for the Net Metering program:

- I agree to participate fully in the Renewable Energy Net Metering (RENM) rate tariff, which may include meter fees, and any subsequent amendments approved by the Mississippi Public Service Commission.
- I agree that, in addition to the agreements, rules and policies discussed above, this interconnection agreement and service will be governed by the Commission's Mississippi Renewable Energy Net Metering Rule.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 2 (2MW and less)



- I agree to cooperate in any efforts by Mississippi Power Company to obtain certifications or to fulfill other administrative steps required to effectively transfer renewable energy credits to Mississippi Power Company.

SIGNATURE

I have reviewed all three sections of this document, and all documents referenced and incorporated herein, and agree to the terms listed under the heading "III. Agreement" above.

Name (Print) _____

Signature _____

Date _____

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



GENERAL INSTRUCTIONS

In order to help you participate in Mississippi Power's Net Metering program, we have attached to these instructions a copy of Mississippi Power Company's (MPC or the Company) standard Interconnection Application and Agreement for Level 3 requests. Level 3 interconnections are those projects that do not meet Level 1 or Level 2 criteria due to capacity (nameplate capacity over 2MW), or due to the interconnection requiring construction of facilities by the utility, or for other reasons as identified in Chapter 06 of the Mississippi Distributed Generator Interconnection and Net Metering Rule (MDGIR). By completing and submitting this document (and by providing, as necessary, all required supplemental documentation) you may request to participate in Mississippi Power Company's Net Metering program, as described in greater detail in the materials attached. Upon acceptance into the program, applicants will receive formal permission to begin sustained interconnected operation (note that the Net Metering program is only available up to a nameplate capacity of 2MW). For safety reasons, you may not begin interconnected operation until this approval has been received.

Applicants may be placed on a waiting list if the Net Metering program is fully subscribed.

Mississippi Power Company uses the same standard application for all customers requesting interconnection at a given level, including those not interested in participating in Mississippi Power's Net Metering program. The attached application will allow you to indicate your interest in the program, or to apply only for interconnection service without participating in the Net Metering program. Certain portions of the application may require the assistance of your contractor or installer to complete.

For all applicants, your application and interconnection is governed by the Mississippi Public Service Commission's Mississippi Distributed Generator Interconnection Rule (MDGIR). For applicants interested in Net Metering, your application and interconnection is also governed by the Mississippi Renewable Energy Net Metering Rule (MRENMR) and Mississippi Power's Net Metering Rate Rider (RENM). Additional information regarding net metering in Mississippi as well as links to the applicable Mississippi Power Tariffs and Commission Rules are accessible online at www.mississippipower.com.

MPC requires that you submit your Level 3 application at least ninety (90) days before your desired interconnection date. You will be notified within 10 business days whether your application is complete or incomplete. If deemed incomplete you will be asked for additional or clarifying information. When the application is determined to be complete you will be assigned a Queue Number that will establish your position among applicants seeking to qualify for the Net Metering program, or to otherwise interconnect with the MPC grid. The Level 3 interconnection review process may include the following components if deemed necessary; (i) Scoping Meeting, (ii) Feasibility Study, (iii) System Impact Study, and (iv) Facilities Study. Further detail including process milestones, mandated response times, and the process for producing any necessary study cost estimates are addressed in Chapter 07 of the MDGIR.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



A processing fee of \$100.00 plus \$2.00 per kW of the nameplate capacity will be assessed for a Level 3 application. These fees and potential engineering costs are addressed in Chapter 03 of the MDGIR.

Final Approval of your application and the associated Interconnection Agreement is subject to i) completion of milestones identified in the Interconnection Agreement, ii) your generator equipment and installation being approved by appropriate local code office(s), iii) receipt by MPC of a completed Certificate of Completion, and iv) completion by MPC of the Witness Test as defined in the MDGIR. MPC requires a minimum of ten (10) business days notice from you or your installer to schedule the Witness Test.

In order for you to participate under certain MPC rate riders or tariffs, it may be necessary for MPC to replace your electric meter. MPC will replace your electric meter, if required, within 10 business days after your application and agreement are properly executed. Failure to complete and return any of the required documents could cause a delay in reviewing your application and in providing approval for your project. We look forward to working with you on providing a final approval for your application.

You may submit your package by delivering it to a local Bill Pay Office, by e-mailing your application and agreement to [address to be provided following Commission approval], or by physically mailing to:

[address to be provided following Commission approval]

For additional assistance, please call 1-855-693-8326.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



I. Application

Interconnection Customer Information:

Customer: _____
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email Address: _____

Note: For applicants that are not currently a Mississippi Power customer, Company may require proof of site control at the proposed project location in the form of a property tax bill, lease agreement, or other legally binding contract.

Customer's Design/Installation Firm Information:

Firm: _____
Contact: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____

Interconnection Customer's Requested In-Service Date: _____

Small Generating Facility Information

Data apply only to the Small Generating Facility, not the Interconnection Facilities.

Energy Source: Solar Wind Hydro Hydro Type (e.g. Run-of- River): _____
 Diesel Natural Gas Fuel Oil Other (state type) _____

Prime Mover: Fuel Cell Recip Engine Gas Turb Steam Turb
 Microturbine PV Other _____

Type of Generator: Synchronous Induction Inverter

Generator Nameplate Rating: _____ kW (Typical) Generator Nameplate kVAR: _____

Interconnection Customer or Customer-Site Load: _____ kW (if none, so state)

Typical Reactive Load (if known): _____

Maximum Physical Export Capability Requested: _____ kW

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



List components of the Small Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Is the prime mover compatible with the certified protective relay package? Yes No

Generator (or solar collector).
Manufacturer, Model Name & Number: _____
Version Number: _____

Nameplate Output Power Rating in kW: (Summer) _____ (Winter) _____
Nameplate Output Power Rating in kVA: (Summer) _____ (Winter) _____

Individual Generator Power Factor
Rated Power Factor: Leading: _____ Lagging: _____

Total Number of Generators in wind farm to be interconnected pursuant to this Interconnection Request: _____ Elevation: _____ _____ Single phase _____ Three phase

Inverter Manufacturer, Model Name & Number (if used): _____

List of adjustable set points for the protective equipment or software:

Small Generating Facility Characteristic Data (for inverter-based machines)

Max design fault contribution current: _____ Instantaneous ___ or RMS? _____

Harmonics Characteristics: _____

Start-up requirements: _____

Small Generating Facility Characteristic Data (for rotating machines):

(not required for inverter-based generators)

RPM Frequency: _____
(* Neutral Grounding Resistor (If Applicable): _____

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



Synchronous Generators (not required for inverter-based generators):

Direct Axis Synchronous Reactance, X_d : _____ P.U.
Direct Axis Transient Reactance, X'_d : _____ P.U.
Direct Axis Subtransient Reactance, X''_d : _____ P.U.
Negative Sequence Reactance, X_2 : _____ P.U.
Zero Sequence Reactance, X_0 : _____ P.U.
KVA Base: _____
Field Volts: _____
Field Amperes: _____

Induction Generators (not required for inverter-based generators):

Motoring Power (kW): _____
 $I_2^2 t$ or K (Heating Time Constant): _____
Rotor Resistance, R_r : _____
Stator Resistance, R_s : _____
Stator Reactance, X_s : _____
Rotor Reactance, X_r : _____
Magnetizing Reactance, X_m : _____
Short Circuit Reactance, X_d'' : _____
Exciting Current: _____
Temperature Rise: _____
Frame Size: _____
Design Letter: _____
Reactive Power Required In Vars (No Load): _____
Reactive Power Required In Vars (Full Load): _____
Total Rotating Inertia, H: _____ Per Unit on kVA Base

Excitation and Governor System Data for Synchronous Generators Only (not required for inverter-based generators)

Provide appropriate IEEE model block diagram of excitation system, governor system and power system stabilizer (PSS) in accordance with the regional reliability council criteria. A PSS may be determined to be required by applicable studies. A copy of the manufacturer's block diagram may not be substituted.

Interconnection Facilities Information

Will a transformer be used between the generator and the point of common coupling? ___ Yes ___ No

Will the transformer be provided by the Interconnection Customer? _____ Yes _____ No

Transformer Data (If Applicable, for Interconnection Customer-Owned Transformer):

Is the transformer: _____ single phase _____ three phase? Size: _____ kVA
Transformer Impedance: _____ % on _____ kVA Base

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



If Three Phase:

Transformer Primary:	Volts	Delta	Wye	Wye Grounded
Transformer Secondary:	Volts	Delta	Wye	Wye Grounded
Transformer Tertiary:	Volts	Delta	Wye	Wye Grounded

Transformer Fuse Data (If Applicable, for Interconnection Customer-Owned Fuse):

(Attach copy of fuse manufacturer's Minimum Melt and Total Clearing Time-Current Curves)

Manufacturer: _____ Type: _____ Size: _____ Speed: _____

Interconnecting Circuit Breaker (if applicable):

Manufacturer: _____ Type: _____
 Load Rating (Amps): _____ Interrupting Rating (Amps): _____ Trip Speed (Cycles): _____

Interconnection Protective Relays (If Applicable):

If Microprocessor-Controlled:

List of Functions and Adjustable Setpoints for the protective equipment or software:

<u>Setpoint Function</u>	<u>Minimum</u>	<u>Maximum</u>
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____

If Discrete Components:

(Enclose Copy of any Proposed Time-Overcurrent Coordination Curves)

Manufacturer: _____	Type: _____	Style/Catalog No.: _____	Proposed Setting: _____
Manufacturer: _____	Type: _____	Style/Catalog No.: _____	Proposed Setting: _____
Manufacturer: _____	Type: _____	Style/Catalog No.: _____	Proposed Setting: _____
Manufacturer: _____	Type: _____	Style/Catalog No.: _____	Proposed Setting: _____
Manufacturer: _____	Type: _____	Style/Catalog No.: _____	Proposed Setting: _____

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



Current Transformer Data (If Applicable):

(Enclose Copy of Manufacturer's Excitation and Ratio Correction Curves)

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Potential Transformer Data (If Applicable):

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

Manufacturer: _____
Type: _____ Accuracy Class: _____ Proposed Ratio Connection: _____

General Information

Enclose copy of site electrical one-line diagram showing the configuration of all Small Generating Facility equipment, current and potential circuits, and protection and control schemes. This one-line diagram must be signed and stamped by a licensed Professional Engineer if the Small Generating Facility is larger than 50 kW. Is One-Line Diagram Enclosed?
_____ Yes _____ No

Enclose copy of any site documentation that describes and details the operation of the protection and control schemes. Is Available Documentation Enclosed? _____ Yes _____ No

Enclose copies of schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable).
Are Schematic Drawings Enclosed? _____ Yes _____ No

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



II. Customer Elections

All customers applying for interconnection must accept the applicable terms provided in Section III of this Application. Applicants must also indicate whether they wish to participate in the Net Metering program or Cogeneration and Small Power Production ("CSPP") rate. If you do not wish to participate in the Net Metering program or CSPP rate, you may still apply for interconnection with Mississippi Power Company, but customers may only pick one option.

- **I agree to the terms listed under the heading "III. Agreement" below.¹**
 - Yes ___ No ___
- Please choose which program you would prefer to participate in (choose only one):
 - RENM, Renewable Energy Net Metering _____
 - CSPP, Cogeneration and Small Power Production _____

I agree to transfer the rights to any Renewable Energy Credits ("RECs") associated with my proposed Facility to Mississippi Power Company. (By selecting yes, you will be eligible to receive the Non-Quantifiable Expected Benefits Adder as a component of your Total Benefits of Distributed Generation)²

- Yes _____ No _____

If no, please confirm you understand that retaining the RECs associated with your proposed Facility means you will not be eligible to receive the Non-Quantifiable Expected Benefits Adder as a component of your Total Benefits of Distributed Generation

_____ (please initial, if applicable)

¹ Applicants not requesting to participate in the Net Metering program shall only agree to the General Agreements below.

² An effective transfer of RECs will require that the customer agree not to claim as their own any renewable properties or other environmental benefits or attributes associated with excess generation sold back to Mississippi Power Company under the net metering rate. The customer may communicate that they have installed renewable generation, so long as the customer also clarifies that all of their excess renewable energy is sold to Mississippi Power Company. For more information about renewable energy claims, including claims about "hosting" a renewable energy generation resource, please refer to the Federal Trade Commission's "Green Guides," available at: <https://www.ftc.gov/enforcement/rules/rulemaking-regulatory-reform-proceedings/guides-use-environmental-marketing-claims>.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



Net Metering and CSPP participants must also choose Option A or Option B, as discussed in the net metering and CSPP rate schedules, and residential Net Metering participants may request designation as a low income customer.³ Qualifying as a "low-income customer" for purposes of Mississippi Power's Net Metering program may enable you to receive a larger payment for excess energy produced by your generating facility than would otherwise be available.

Please check your preferred option: Option A (Seasonal) _____
Option B (Seasonal with Time-of- Day Pricing) _____

I would like to apply for qualification as a "low-income customer" (only available to Net Metering program participants): Yes _____ No _____

³ For purposes of this program, the Public Service Commission defines low-income customers as those whose household income is at or below 200% of the federal poverty level. MPC will verify the income of any customers choosing the low-income designation.

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



III. Interconnection Agreement

By signing this document, I represent that I understand and agree to the following terms.

General Agreements

- Certificate of Completion. I understand that I must provide a Certificate of Completion to Mississippi Power Company before my application is approved, which will require that I contact appropriate authorities having jurisdiction for permit and inspections as applicable.
- Witness Testing. I agree and understand that I am responsible for coordinating witness testing as necessary between the installer and Mississippi Power Company. Witness tests, as defined by the Commission's interconnection rule, means "verification (through on-site observation) by the [Electric Utility] that the installation evaluation required by IEEE Standard 1547 Section 5.3 and the Commissioning Test required by IEEE Standard 1547 Section 5.4, have been adequately performed. For Interconnection Equipment that has not been Certified, the Witness Test shall also include the verification by the [Electric Utility] of the on-site design tests as required by IEEE Standard 1547 Section 5.1 and verification by the EU of Production Tests required by IEEE Standard 1547 Section 5.2 ..."
- Beginning of Operation. I agree that I will not begin interconnected operation, other than for the above described testing, of my generating unit until receiving official authorization from Mississippi Power Company to begin doing so.
- Applicable Laws, Regulations and Policies. Unless otherwise specifically stated herein, the interconnection service provided to Customer shall be rendered in accordance with the terms and conditions contained herein and all applicable federal and state laws, regulations and rules and the Company's applicable rules, policies and rate schedules as approved and amended from time to time by the Mississippi Public Service Commission, which are hereby incorporated herein by reference, including but not limited to the Commission's Mississippi Distributed Generator Interconnection Rule; the Company's Rules Governing Electric Service and Customer Electric Generator Interconnection Policy; the Southern Company Interconnection Policy and the Southern Company Power Quality Policy.⁴
- Term. This Agreement shall continue in effect thereafter until terminated by either party providing written notice to the other in accordance with the Company's applicable rules, regulations and rate schedules.
- Generator Operation. In operating its equipment, Customer shall comply, if applicable, with the National Fire Protection Association Code, the American

⁴ MPC's "Rules Governing Electric Service" are available at http://www.mississippipower.com/pdf/Rules_Governing_Electric_Service.pdf. MPC's Customer Electric Generator Interconnection Policy is available at [link to be provided following Commission approval]. The Southern Company Interconnection Policy is available at [link to be provided following Commission approval]. The MDGIR is available at [link to be provided following Commission approval]. The Southern Company Power Quality Policy is available at [link to be provided following Commission approval].

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



National Electrical Code, the National Electric Safety Code and other applicable code requirements as applied to the Company's electric system for generating plants owned or operated by the Company. Customer shall have the sole responsibility to, at its sole expense, manage, control, operate and maintain its facilities in accordance with the requirements set forth herein and with good utility practices. Customer's generator output waveform shall be 60 Hertz, sinusoidal, and free of harmonic components or fluctuations, unacceptable voltage fluctuations and overloads that may interfere with the safe, economic and reliable operation of Company's electrical and communication system and/or the quality of electric service rendered to other Company customers. Interference determinations shall be made by the Company consistent with generally accepted or prevailing standards in the electric utility industry. When required, the Customer shall provide and maintain, at its expense, equipment designed to cure the interference or such other corrective measure that is satisfactory to the Company and consistent with generally accepted or prevailing standards in the electric industry.

- Inspection Rights. Company shall have the right to inspect the Customer-owned facilities to ensure compliance with the terms and conditions of this Contract.
- Temporary Disconnection. Company shall have the right to temporarily disconnect from the Customer's generating equipment during any system emergency, as defined in the Commission's Service Rules or as necessary, in the Company's discretion, to ensure the safe and reliable operation of the Company's electric system. The Customer shall install a generator isolation device complying with Chapter 12 of the MDGIR and which is readily accessible to Company personnel. In the event of a temporary disconnection, Company shall use all reasonable means to notify the Customer prior to disconnecting.
- Ownership. Any and all of the electric facilities and equipment installed or constructed by the Company on the Company side of the point of delivery shall remain property of the Company. Any charges paid by the Customer for any facilities or equipment provided by the Company or for any work performed by the Company shall not convey title to the Customer for such facilities and equipment.
- Limitation of Liability. It is the responsibility of the Customer to provide for the protection of its equipment from hazards resulting from parallel operation with Company's electric system. Company does not guarantee that service will be free from, and Company shall not be liable for, interruptions, surges, voltage fluctuations or disturbances. Company shall have no liability for any loss or damage resulting from interconnection to the Company's facilities or from any loss of service, or delay in providing service.
- Mutual Indemnity. Company and Customer, as applicable, mutually agree to pay, protect, indemnify, and hold harmless the other, its parent corporation, any affiliated entity and each of their collective officers, directors, employees, representatives, agents or contractors from and against, any and all liabilities, losses, damages, costs, expenses (including all reasonable attorneys' fees and expenses), causes of action, suits, claims, demands, or judgments of any nature whatsoever arising from any injury to, or the death of, any person, or any damage to property in any

INTERCONNECTION APPLICATION AND AGREEMENT- LEVEL 3



manner growing out of or connected with any negligent or intentional act made in connection with this Agreement on the part of the indemnifying party or any of its agents, contractors, sublessees, licensees, or invitees.

- Commission Approval. To the extent applicable, this Agreement is specifically subject and conditioned upon the approval of the Mississippi Public Service Commission.
- Assignment of Contract. Customer shall not assign this Agreement without written consent of Company.
- Remedies. In the event of default by either party, the non-defaulting party may pursue any and all judicial and administrative remedies and relief available.
- Non-waiver. The parties agree that this Agreement does not preclude Company from collecting any additional costs as directed or authorized by a legislative body, administrative body, or court having jurisdiction over such issues.
- Additional Provisions. Additional provisions terms and conditions may be set forth in addenda to this Agreement. Such addenda, when executed by the parties and attached hereto, shall become part of this Agreement and be incorporated as if set forth fully herein. The terms of any such addenda shall be controlling over any conflicting terms set forth herein.
- Miscellaneous. A waiver of one or more defaults by either party shall not be deemed a waiver of any other or subsequent default by such party. This Agreement, upon becoming effective, shall cancel and supersede any previously existing agreement covering interconnection by Company to Customer at said premise. This Agreement, those documents incorporated herein by reference and any attachments hereto constitute the entire agreement between the parties. No modification of this Agreement shall be binding unless it is in writing and accepted by Customer and Company. This Agreement shall be governed by the laws of the State of Mississippi.
- Modifications. I understand that any modifications to my generator system will require that I file a new interconnection request with Mississippi Power Company.

Net Metering Agreements

The following agreements will apply only if applying for the Net Metering program:

- I agree to participate fully in the Renewable Energy Net Metering (RENM) rate tariff, which may include meter fees, and any subsequent amendments approved by the Mississippi Public Service Commission.
- I agree that, in addition to the agreements, rules and policies discussed above, this interconnection agreement and service will be governed by the Commission's Mississippi Renewable Energy Net Metering Rule.

**INTERCONNECTION APPLICATION AND
AGREEMENT- LEVEL 3**



- I agree to cooperate in any efforts by Mississippi Power Company to obtain certifications or to fulfill other administrative steps required to effectively transfer renewable energy credits to Mississippi Power Company.

SIGNATURE

I have reviewed all three sections of this document, and all documents referenced and incorporated herein, and agree to the terms listed under the heading "III. Agreement" above.

Name (Print) _____

Signature _____

Date _____

ATTACHMENT C

ENERGY COST MANAGEMENT CLAUSE SCHEDULE "ECM-2A"



Mississippi Public Service Commission Schedule No. 49

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
1 of 3		January 7, 2014

APPLICABILITY

Applicable as a modification of all electric service rate schedules or contracts of Company in which reference is made to the Company's Fuel Cost Recovery Clause "FCR-2".

ADJUSTMENT CLAUSE

All bills rendered under rates subject to this schedule shall be adjusted by an energy cost management factor per KWH calculated each November to be applied beginning with the first billing cycle of February immediately following the calculation month. The factor shall include a true-up adjustment for any (over) under collection in the twelve month period immediately preceding the calculation month (November through October).

The factor shall include carrying cost on the monthly net FCR and ECM over recovery or under recovery balance based upon the Federal Reserve Board's Bank Prime Loan Rate or its successor, as quoted in the final weekly Federal Reserve Statistical Release of each month, net of related ADITs, as prescribed by the Commission in Docket # 2008-AD-0381.

The Company's budgeted energy management costs for the application period and those incurred in the twelve month period immediately preceding the calculation month and budgeted KWH sales for the twelve month application period will be used to develop the energy management cost per KWH.

Individual energy cost management factors, adjusted for line loss differentials, will be calculated for designated classifications and rounded to the nearest .001 mill using the following formula:

$$ECM = \left[\frac{\left[BECM - \left[\frac{BECM}{BTES} * BDL \right] \right] * \frac{BRS}{BTS} + \left[\frac{BECM}{BTES} * BDL \right] + ADJ}{BRS} \right] * LM + RENM$$

Where:

ECM = Energy Cost Management Factor to be added per KWH each month for twelve months beginning with the February billing month.

BECM = Budgeted Energy Cost Management Costs includes budgeted transaction costs for entering forward or financial contracts such as option premiums for both gas and electricity futures contracts and budgeted gas transportation and electricity transmission necessary to meet futures contract obligations for the twelve month application period. Also included are any amounts representing the difference between budgeted gas cost included in the Company's fuel cost recovery clause for the twelve-month application period and the exercise price of any financial instrument applicable to the same application period and entered into by October 31st immediately preceding the calculation month; the budgeted cost of and return on capacity payments for short-term (3 years or less) electricity purchased power contracts, in accordance with the provisions of Section 77-3-91 et seq.; and projected carrying costs on the net fuel and energy cost management over/under recovery consistent with the prescribed methodology.

BTS = Budgeted Total Sales determined by subtracting projected KWH to be generated on-site of specific customers from projected territorial KWH energy sales.

BRS = Budgeted Retail Sales determined by subtracting projected wholesale KWH sales from BTS.

ENERGY COST MANAGEMENT CLAUSE SCHEDULE "ECM-2A"



Mississippi Public Service Commission Schedule No. 49

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
2 of 3		January 7, 2014

- BTES** = Budgeted Territorial Energy Supply KWH determined by adding total budgeted Company generation (exclusive of budgeted generation on-site of specific customer and budgeted generation of specifically assigned capacity) and total budgeted energy purchased by Company, less total budgeted energy sold by Company.
- BDL** = Budgeted Distribution KWH losses.
- ADJ** = Adjustment for amount collected during the twelve month comparison period (November - October) immediately preceding the calculation month which was less than (more than) the actual energy price stabilization cost during that period. Such under recovery (over recovery) adjustment would be a positive (negative) amount calculated using the following formula:

$$ADJ = AECMR - PreviousADJ - \left[\left[AECM - \left[\frac{AECM}{ATES} * ADL \right] \right] * \frac{ARS}{ATS} + \left[\frac{AECM}{ATES} * ADL \right] \right]$$

Where:

AECMR = Actual Energy Cost Management Recovery determined by totaling each month's actual revenue collected under the Energy Cost Management Clause Schedule for the twelve month comparison period.

Previous ADJ = the amount added or subtracted as ADJ in the previous calculation of the ECM formula.

AECM = Actual Energy Cost Management Cost includes actual transaction costs for entering forward or financial contracts and any gains and/or losses recognized as a result of those contracts during the twelve month period immediately preceding the calculation month (November through October). Gains or losses will be recognized when gas that was purchased forward is neither burned nor placed into storage but instead sold at then-current spot market prices. The AECM will also include the cost of entering into and exercising natural gas and electricity options and the actual costs of gas transportation and electric transmission that must be purchased for the exercise of these options; the actual cost of and return on capacity payments for short-term (3 years or less) electricity purchased power contracts, in accordance with the provisions of Section 77-3-91 et seq.; and actual carrying costs on the net fuel and energy cost management over/under recovery consistent with the prescribed methodology. The costs included herein will be those that are appropriate to recognize in the application period.

ATES = Actual Territorial Energy Supply KWH determined same as BTES using actual determinants for the twelve month comparison period.

ADL = Actual Distribution KWH Losses for the twelve month comparison period.

ATS = Actual Total Sales determined same as BTS using actual territorial KWH energy sales and actual KWH generated at on-site plant of specific customer for the twelve month comparison period.

ARS = Actual Retail Sales determined by subtracting total wholesale KWH sales for the twelve month comparison period from ATS.

LM = Loss Multipliers, used to reflect differentials in line losses on a customer group basis, developed in the most current cost-of-service load flow for the designated classification.

and:

ENERGY COST MANAGEMENT CLAUSE SCHEDULE "ECM-2A"



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RENM = Renewable Energy Net Metering Adjustment is a cents/kWh adder. The adder is to be included in the ECM factor and added after the final calculation of each factor in each of the rate class categories on the ECM bulletin. This adjustment is calculated as follows:

$$RENM = \frac{BREN + RENMadj}{BRS}$$

Where:

BREN = Budgeted Renewable Energy Net Metering Cost includes costs budgeted for customer communications pursuant to Commission Order, costs budgeted by the Company associated with the cost benefit study required to be performed by the Company pursuant to the Mississippi Renewable Energy Net Metering Rule ("MRENMR") and any other costs the Commission approves for recovery through ECM that have been ordered and/or approved by the Commission to be incurred by the Company in connection with the implementation of the Company's Renewable Energy Net Metering (RENM) rate schedule, Interconnection Applications and Agreements, and/or compliance with the MNENMR or the Mississippi Distributed Generator Interconnection Rule ("MDGIR").

RENMadj = Adjustment for amount collected during the twelve month comparison period (November - October) immediately preceding the calculation month which was less than (more than) the actual cost during that period. Such under recovery (over recovery) adjustment would be a positive (negative) amount calculated using the following formula:

$$RENMadj = AREN - ARENRev$$

AREN = Actual Renewable Energy Net Metering Cost includes costs incurred for customer communications pursuant to Commission Order, costs incurred by the Company associated with the cost benefit study required to be performed by the Company pursuant to the Mississippi Renewable Energy Net Metering Rule and any other costs the Commission approves for recovery through ECM that have been ordered and/or approved by the Commission to be incurred by the Company in connection with the implementation of the Company's Renewable Energy Net Metering (RENM) rate schedule, Interconnection Applications and Agreements, and/or compliance with the MNENMR or the Mississippi Distributed Generator Interconnection Rule ("MDGIR").

ARENRev = Actual Renewable Energy Net Metering Revenue collected during the previous sample period by the RENM factor.