

# Service Rules and Regulations Index



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## **Service Rules and Regulations Definitions**

**Abbreviations:** The following commonly used abbreviations will be used:

Horsepower	hp
Kilovolt-ampere(s)	kVA
Kilowatt(s)	kW
Kilowatt-hour(s)	kWh
Reactive Kilovolt Ampere	kVAR

For the purpose of clarity, the words and expressions listed below shall have the following meanings:

**Agreement of Application:** A written contract or service request for the supply of electric service.

**Apartment:** Premises containing two or more residential dwelling units. (Hotels, tourist camps, motels, hospitals, nursing homes, etc., consisting primarily of guest rooms and/or transient accommodations, are not included.)

**Auxiliary Service:** Service for a part of consumer's electric requirements, the wiring for which is entirely separate and apart from the wiring to the remainder of consumer's electric requirements when the latter are furnished by consumers privately owned generating equipment.

**Billing kW or Billing kVA:** Consumer's maximum load expressed in kW or kVA which will be used in the calculation of the bill.

**Billing Cycle:** Cooperative's schedule for meter reading and billing which defines the starting dates for billing periods.

**Billing Period of Month:** The interval between two consecutive meter readings that are taken for billing purposes. Such readings will be taken as nearly as practicable every 30 days.

**Contracted Capacity:** Consumer's specified requirements expressed in kW or kVA for which

consumer contracts and cooperative is obligated to supply.

**Consumer:** The individual, partnership, corporation or other legal entity in whose name service is rendered at a single premise.

**Cooperative's Point:** The point of the physical connection between cooperative's and consumer's facilities beyond which point consumer assumes responsibility and liability for the service rendered.

**Delivery Voltage:** The voltage of cooperative's facilities at the delivery point.

**Energy:** The active component of the electrical supply over time expressed as kWh.

**Hertz:** The unit of frequency, 60 cycles per second.

**Industrial Consumer:** Any customer using electric power as the principal power for the manufacture of a finished product, the extraction, fabrication, or processing of a raw material, or the transportation or preservation of a raw material of a finished product.

**kWh:** The consumption of the real component of power over time.

**Meter:** The complete installation of equipment needed to measure the billable load and/or energy consumed by the consumer.

**Metered Voltage:** The voltage at which service is metered irrespective of the delivery voltage.

**Mobile Home:** A portable vehicular structure constructed on a chassis and designed to be used without permanent foundation as a dwelling unit.

**Mobile Home Park:** A developed area of land containing water and sewer systems, containing streets, and four or more contiguous sites for mobile homes, each site containing at least 2,000 square feet (exclusive of streets, recreational areas, parking areas, and any commercial areas).

**Nominal Voltage:** The designated voltage assigned to a circuit or system of a given voltage class for the purpose of convenient identification.

**Overhead System:** Those parts of the cooperative's distribution system which are constructed on and supported primarily by wooden poles.

**Power Factor (PF):** In rate schedules providing for power factor adjustment, PF will be calculated from the relation between the kVA and the kW components of power used, expressed in percent.

**Premises:** A distinct portion of real estate on which is located the living quarters for the use of a single family, or the main building of a commercial or industrial consumer and which may include the out-laying or adjacent buildings used by the same consumer, provided the use of service in the outlying buildings is

supplemental to the service used in the main residence or building.

**Primary Line:** Any overhead and underground line of the cooperative operated at a voltage between 2,400 volts and 24,900 volts.

**Rate Schedule:** A part of the tariff which sets forth the availability and charges for service supplied to a particular class of consumers.

**Residential Dwelling Unit:** An individual residence including mobile homes and trailers, or a room or combination of rooms for private living for a single family.

**Rider:** A part of the Service Rules and Regulations and Rate Schedules setting forth supplemental provisions which have limited application to rate schedules.

**Secondary Line:** Any overhead and underground line of the cooperative operated at a voltage under 2,400 volts.

**Service Area:** Any premise, area, or tract of land lying within the legal territory of the cooperative as defined in the Georgia Territorial Electric Service Act and administered by the Georgia Public Service Commission.

**"Service Regulations":** A booklet describing the cooperative's requirements for connection to its electrical system. It is used as a reference primarily for electricians and contractors planning on constructing buildings or installing, repairing or renewing apparatus or equipment to be connected to the cooperative's distribution system.

**Standby Capacity:** Service available for consumer's requirements in whole, or in part, for use in the event of temporary in operation

of consumer's privately-owned generating equipment.

**Substation:** The electric equipment and structures, including transformers, switches, protective devices and other apparatus necessary to transform energy to a distribution voltage from a transmission voltage.

**Underground System:** Those parts of the cooperative's distribution system which are constructed and installed underground.

**Underground Distribution Network:** An underground electrical system serving a residential or commercial complex.

## **CHAPTER ONE: ELECTRIC SERVICE AVAILABILITY**

### (100) Electric Service Availability

#### (101) Application for Membership

Any person, firm, association, corporation, or public body shall become a member upon signing a written application for membership and payment of a membership fee and any service security deposit required by the cooperative. In doing so, the consumer shall agree to purchase from the cooperative electric energy and to be bound by the cooperative's Certificate of Incorporation and by-laws and all rules, regulations, and rate schedules established pursuant thereto, and pay the minimum monthly bill or in the event of a written contract for service, the minimum set forth in said contract. Upon termination of membership, the membership fee will be refunded provided the member has no indebtedness to the cooperative.

#### (102) Service Security Deposits

A service security deposit or suitable guaranty shall be required for connecting, or for declining to disconnect, or for reconnecting any service with respect to which the cooperative determines that such deposit or guaranty is needed to assure payment of the power bill. In determining the need for service security deposits, and in fixing the amount of them, the cooperative will give careful regard to, among other things, the following:

- A. Type of service involved;
- B. Risk involved in a new business enterprise;
- C. Reputation of the involved premises;
- D. Credit rating of the consumer;
- E. History of connects, disconnects, and reconnects at the involved premises or for the involved consumer;
- F. Whether premises are rented or owned;
- G. Whether a home is mobile or is permanently fixed to the land; and
- H. Any other factor having a realistic bearing on the consumer's financial stability.

Such deposit shall not ordinarily be more than the consumer's estimated power bill for two months' service, except when service is being furnished on the basis of a written contract or when the cooperative determines that a different or supplemental amount is necessary due to some unusual circumstance, such as the cooperative's desisting from disconnecting the consumer pending his being heard with respect to a question or complaint he has about his bill.

Such deposit may at the cooperative's option be refunded without interest after a period of 12 consecutive months' service during which the consumer shall have fulfilled all of his membership obligations, and shall otherwise be refunded without interest.

1. As provided for in a written contract for service; or
2. Upon such other conditions as may be established by the cooperative with respect to service risks of similar or the same character whichever may be applicable. In any event, the deposit shall be refunded without interest upon termination of the service less any amounts the consumer may then owe the cooperative.

#### (103) Office and Service Hours

The cooperative's general office is at Barnesville, Georgia. The office is open for business between the hours of 8:00 A.M. and 5:00 P.M., Monday through Friday.

Routine and regular service work is performed during the above schedule of office hours. Emergency service work is performed 24 hours a day. Service personnel may be reached by calling the cooperative's regular number, as listed in the telephone directory and in the cooperative's monthly newsletter. When a service call is made and it is found to be the consumer's problem, the consumer will be charged a Trouble Call fee. (See Fee Schedule last page of SR section).

#### (104) Service Interruptions

The cooperative does not guarantee continuous and uninterrupted electric service and will not be liable for loss or damage to any member's equipment caused by any failure to supply electricity or by an interruption or reversal of the supply of electricity if due to any cause beyond the reasonable control of the cooperative. The member shall notify the cooperative promptly of any defect in service or of any trouble or irregularity in the electric supply.

Whenever service is to be interrupted for work on lines or equipment, such work shall be done, as far as practicable, at a time that will cause the least inconvenience to the member. The member to be affected by such interruptions shall, if practicable, be notified in advance.

## **CHAPTER TWO: APPLICATION CLASSIFICATION**

### **(200) General Extension Policy**

Application for electric service will be classified into one of the following classifications and service will be extended accordingly.

### **(201) Overhead Primary and Secondary Extension**

#### **A. Permanent Establishments**

Permanent establishments includes permanent residences, schools, public buildings, churches, commercial and industrial establishments, and any other establishment of a permanent nature, requiring electric service on a continuous, year round basis. Unless otherwise provided, "total electric" requirements are met when electricity is used for water and space heating requirements.

##### *1. Residential Dwellings*

Single-phase overhead electric service facilities will be extended to permanent residential dwellings at any location within the Cooperative's service area without any requirement for a contribution-in-aid of construction or facilities extension deposit, provided any overhead primary wire extension required does not exceed the footages as provided in "Overhead Primary and Secondary" of Appendix A, Page 1:

Where the required primary wire extension exceeds the above-prescribed allowance, service will be extended upon payment by the applicant of a contribution-in-aid as specified in the attached fee schedule.

In the event of unusual situations where the required primary wire extension exceeds the above stated allowances and where energy (kWh) usage is expected to exceed average residential usage levels, the Cooperative may, solely at its option, perform a feasibility analysis to determine the extent to which primary service may be extended beyond the above stated allowances, without requirement for a contribution-in-aid of construction.

##### *2. Incidental and Farm Service (Ref: SOP 201C)*

Single-phase overhead service facilities will be extended to permanent establishments which are:

- a. incidental to a residential, commercial, industrial, etc., load or
- b. farm or agricultural loads (i.e., barns, grain, bins, poultry houses, etc.), without requirement of a contribution-in-aid of construction where distance of the

service does not require a primary extension in excess of one-half foot for each kWh of estimated monthly usage, as determined solely by the Cooperative. Where the required primary extension exceeds the allowance, based upon anticipated usage level, service will be extended upon payment by the applicant of a contribution-in-aid of construction as specified in the attached fee schedule.

In the event of unusual situations, the Cooperative may, solely at its option, perform a feasibility analysis to determine the extent to which primary service may be extended beyond the usage level allowance, without requirement for a contribution-in-aid of construction.

*3. Other Permanent Establishments (Schools, Public Buildings, Churches, Commercial and Industrial Establishments, etc.)*

Single-phase overhead electric service will be extended to "Other Permanent Establishments," without requirement of any contribution-in-aid of construction where the primary extension does not exceed 230 feet. Where the primary extension exceeds 230 feet, service will be extended upon payment by the applicant of a contribution-in-aid as specified in the attached fee schedule; provided, however, that the Cooperative may, solely at its option, perform a feasibility analysis to determine the extent to which primary service may be extended beyond the 230 foot allowance, without requirement for a contribution-in-aid of construction.

*4. Multi-Phase Service*

Multi-phase overhead service will be made available to permanent establishments without any contribution-in-aid of construction or facilities extension deposit where such service does not require any primary extension (including extension of additional phases to an existing single-phase primary line), provided consumer agrees to pay any special minimums required in a supplemental electric service agreement as required by the Cooperative. Where provision of multi-phase service requires a primary extension, such extension will be made only upon such terms and conditions as are economically feasible for the Cooperative. All applicants for multi-phase service, requiring primary extensions, will be required to execute a supplemental electric service agreement prior to the extension of such service.

**B. Temporary Service**

Temporary service for construction which will receive permanent electric service from the Cooperative upon completion, will be extended service under the same conditions as a permanent establishment, as provided in Section 201(A), above. Other temporary service will be provided only upon such terms and conditions as are economically feasible to the Cooperative, including but not necessarily limited to the requirement that the applicant pay a facilities extension deposit a non-refundable contribution-in-aid of construction for the cost of construction, removal, and restocking, less salvage value of material. Each such request will be considered on an individual basis. Any non-refundable charges will be in addition to the membership fee and any required service security deposit.

The Cooperative will provide overhead single phase, three wire, 120/240 volt Temporary Service to a suitable Temporary Service Assembly set at a specified location which meets or exceeds the requirements of the current edition of the National Electrical Safety Code (NEC). In all cases the top of the pole will be at least 12 feet above ground level. The member/builder may provide their own Temporary Service Assembly or upon request the Cooperative will provide and install a Temporary Service Assembly containing one 50 ampere 120/240 volt breaker protected outlet and two 20 ampere breaker & GFI protected 120 volt outlets. The Cooperative furnished overhead Temporary Service Assembly will be mounted on the last permanent pole to be used to serve the facility. No new pole will be set solely for use of Temporary Service. The fee for the Cooperative furnished overhead Temporary Service Assembly shall be \$50.00 plus charges in accordance with the applicable rate schedule.

Equipment replacement costs or cost of repair of equipment in the event of damage will be charged. The temporary service unit remains the property of the Cooperative and will be removed at no charge when service is made permanent. Permanent service will not be connected until damages (if any) are paid. A fee will be charged for service calls by Cooperative personnel for any reason other than malfunction of the Cooperative's equipment. (Tripping of GFI breaker is not an equipment malfunction.)

#### **C. Occasional Service**

Overhead service will be extended to permanent residential, commercial, or other similar establishments used on an occasional basis at the total cost of construction calculated per attached fee schedule. Any variance from this policy must be pre-approved by the Vice President of Engineering and Operations or the President/CEO.

#### **D. Single Phase Service to Hunting Clubs and Other Recreational Loads.**

Service will be installed at the total cost of construction calculated per attached fee schedule.

#### (202) Underground Service Extension

The Cooperative will extend underground service, upon request, under the following conditions:

##### *A. Residential*

##### *1. Overhead Primary with Underground Service*

The Cooperative will furnish and install underground secondary service in areas with existing overhead primary service (and overhead transformers), including overhead primary extensions, without requirement of any contribution-in-aid of construction, provided that the length of the primary extension does not exceed the allowance provided for in the table of primary extension allowances, for various home size and classification, shown in Appendix A, "Line Extension Allowances,". Primary extensions beyond the allowed distances will be provided upon payment by the applicant of a contribution in-aid of construction as specified in the attached fee schedule.



2. *Individual Consumer - Underground Primary and Secondary* Underground extensions (including underground or pad mounted transformers and service laterals) for individual consumers will be provided without requirement of any contribution-in-aid of construction, provided that the length of the primary extension does not exceed the allowance provided for in the table of primary extension allowances, for various home sizes and, classification shown in Appendix A. "Line Extension Allowances". Extensions beyond the allowed distances will be provided upon payment by the applicant of a contribution-in-aid as specified in the attached fee schedule. In the event the required primary extension is a combination of overhead and underground primary, any surplus of underground primary extension may be applied against the overhead extension.

3. *Subdivisions - Underground Primary and Secondary*

Contribution-in-aid will be determined on an individual basis using the current subdivision policy.

4. *Feasibility Evaluation for Unusual Situations*

In the event of unusual situations, the Cooperative may, solely at its option, perform a feasibility analysis to determine the extent to which primary service may be extended beyond the allowances provided in Appendix A, without requirement for a contribution-in-aid of construction.

*B. Commercial and Industrial Installations*

Underground service will be provided to commercial and industrial consumers upon payment of required charges as determined in a feasibility evaluation; provided, however, that underground secondary service from an overhead transformer will be provided upon payment by applicant of a contribution-in-aid of construction as specified in the attached fee schedule as long as service can be provided through direct burial cable. Where such underground service requires special installation such as conduits, concrete troughs, underground street crossings, etc., the entire cost of providing underground service will be evaluated on the basis of feasibility in which case a contribution-in-aid of construction or special facilities charge may be required.

*C. Public Buildings*

Underground service will be furnished, upon request, to new schools, churches, community halls, fire stations, and other structures, not privately owned, but dedicated to the public use and benefit, in accordance with the following provisions:

1. Where existing primary facilities are located within 300 feet of the point of attachment to the building, underground service (either overhead primary and underground service or underground primary and service) will be extended upon payment of a contribution-in-aid of construction as specified in the attached fee schedule.

2. Solely at its option, the Cooperative may perform a feasibility evaluation to determine the extent to which service may be extended without requirement for a contribution-in-aid of construction, other than the minimum charge for underground service, based on the estimated cost of providing service and the anticipated electrical usage.

*E. Area Lighting*

Underground service to area lighting will be provided upon payment of a non-refundable contribution-in-aid of construction as specified in the attached fee schedule provided that service can be provided from an existing transformer. All such installations will be made only upon and in accordance with a written agreement between the Cooperative and the applicant. (Reference SR 904)

*F. Conversion of Overhead Service Facilities*

At the request of an owner, the Cooperative will replace existing overhead service drops with underground service upon the following terms and conditions:

1. The consumer will be required to pay a non-refundable contribution-in-aid per the attached fee schedule for the cost of removal of the overhead service. In addition, the consumer will be required to make a non-refundable contribution-in-aid per the attached fee schedule required for the installation of the underground service. If consumer replaces an existing non-electric water heater and/or space heating system with an electric water heater and/or space heating system at the time such service is converted, the Cooperative may waive the underground installation charge.
2. Any expense incurred in relocating the consumer's service entrance facilities to accommodate the underground service drop shall be borne by the consumer.

*G. Additional Conditions Applicable to All Underground Service Installations:*

1. Where unforeseen conditions in the soil, shifting sand, rock or high water table prevent any of the trenching work from being accomplished by the use of standard trenching machines, the excess cost created by such conditions may be charged by the Cooperative to the owner. Where there are other unusual conditions which require installation procedures not normally used, the excess cost of such procedures may be charged by the Cooperative to the owner.
2. Additional charges may be made by the Cooperative to defray the cost of installing temporary overhead or underground facilities installed at the request of and to accommodate the owner.

3. The owner will furnish, without cost to the Cooperative, necessary easements and rights-of-way. The owner or developer will be required to have the rights-of-way and all streets, alleys, sidewalks and driveway entrances graded to within 6 inches of final grade and will have lot lines established before installation of the electrical distribution system begins. Rights-of-way must be clear of all obstructions (trees, tree stumps, building materials, etc.)
4. The type of construction and the location of said facilities will be at the option of the Cooperative. Should the owner desire changes in either location or type of construction, such changes will be made only upon the owner agreeing to pay to the Cooperative the estimated additional cost incurred thereby.
5. The Cooperative shall, in its sole discretion, have the option of placing transformers and other equipment above ground, on pads and in enclosures of its specification and/or design at locations determined by the Cooperative.
6. Shrubs, trees and grass sod requiring protection during the installation of the underground system will be the responsibility of the owner, and the owner will hold the Cooperative and/or its subcontractors harmless against any claims for such damage. It will be the responsibility of the owner or developer to reseed and/or maintain the trench cover.
7. The owner will be required to pay all costs incurred in cutting through and replacing pavement or boring required within the development.

(203) Large Loads (i.e., generally 900 kw connected or larger)

Notwithstanding the foregoing provisions, due to the special requirements often associated with large loads, electric service to such loads will be extended in accordance with the provisions of a mutually agreed upon electric service agreement between the Cooperative and the applicant/consumer.

The Cooperative will provide underground single phase, three wire, 120/240 volt Temporary Service to a suitable Temporary Service Assembly set at the desired location, which meets or exceeds the requirements of the current edition of the National Electrical Safety Code (NEC). The member/builder may provide their own Temporary Service Assembly or upon request the Cooperative will provide and install a Temporary Service Assembly containing one 50 ampere 120/240 volt breaker protected and two breaker & GFI protected 20 ampere 120 volt outlets. The Cooperative furnished underground Temporary Service Assembly will be self-supporting and be set within five (5) feet of the primary pad mounted transformer. The fee for this Temporary Service Assembly is in accordance with the applicable rate schedule. Equipment replacement costs or cost of repair of equipment in the event of damage will be charged. The temporary service unit remains the property of the Cooperative and will be removed when service is made permanent. Permanent service will not be connected until damages (if any) are

paid. A fee will be charged for service calls by Cooperative personnel for any reason other than malfunction of the Cooperative's equipment. (Tripping of GFI breaker is not an equipment malfunction.) Any larger capacity temporary service will be provided at a cost to be determined by the Cooperative.

**(204) Facilities Extension Ownership**

All line extensions, service wire and connections, regardless of cost or contribution-in-aid of construction paid, are to be made by the Cooperative and remain the property of the Cooperative. The Cooperative shall not be required to serve any consumer over a line built, owned, operated, and maintained by the consumer or a third party.

All property of the Cooperative placed in or upon the consumer's premises, used in supplying service to consumer, is placed there under consumer's protection.

The Cooperative shall have access to such property at all reasonable times. The consumer shall not commit or cause or permit any act that will or may result in damage to or loss of such property or in the loss of life or injury to any person, or the loss of/or damage to any other property, in relation to such property.

**ADJUSTMENTS TO OVERHEAD AND UNDERGROUND CHARGES**

<b>SERVICE RULE REFERENCE</b>	<b>CHARGE</b>
<i>A.1. Residential Dwellings, OH Primary Excess Charge</i>	\$4.00/FT
<i>A.2. Incidental Farm Service, OH Primary Excess Charge</i>	\$4.00/FT
<i>A.3. Other Perm Establishments, OH Primary Excess Charge</i>	\$4.00/FT

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**A. RESIDENTIAL**

1. Overhead Primary – UG Service, OH Primary Excess Charge	\$4.00/FT
Minimum Charge for UG Service	\$300.00
2. Individual Consumer – UG Primary and Secondary, UG Primary Excess Charge	\$9.00/FT
Excess UG Charge	\$9.00/FT
Excess OH Charge	\$4.00/FT
Minimum Charge for UG Service	\$300.00
3. Subdivisions – UG Primary and Secondary, UG Primary Excess Charge	\$4.00/FT
Minimum Service for UG Service, per lot	\$300.00

**B. MOBILE HOMES**

Minimum Charge for UG Service, Per lot	\$300.00
Charge for UG Primary	\$9.00/FT

**C. COMMERCIAL AND INDUSTRIAL  
INSTALLATIONS**

Underground Secondary Charge, Electric WH Service	\$6.00/FT
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**D. PUBLIC BUILDINGS**

Underground Secondary Charge, Electric WH Service	\$6.00/FT
Underground Primary Charge, without Electric WH Service	\$9.00/FT
Minimum Charge for UG Service	\$300.00

**E. AREA LIGHTING**

Underground Secondary Charge	\$5.00/FT
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**F. CONVERSION OF OVERHEAD SERVICE  
FACILITIES**

Removal of OH Services without Lift Pole	\$180.00
Removal of OH Service with Lift Pole	\$330.00
UG Secondary Installation Charge	\$6.00/FT
Minimum Charge for UG Service	\$300.00

**LINE EXTENSION ALLOWANCES**  
 RESIDENTIAL CLASS  
**OVERHEAD PRIMARY AND SECONDARY**  
**(1 CONSUMER PER TRANSFORMER)**  
 PRIMARY ALLOWANCE PER SERVICE (LINEAR FEET)  
 (Effective July 1, 2007)

<b>Size</b>	<b>Total Electric</b>	<b>Non-Total Electric</b>
1000	775	300
1100	775	300
1200	775	300
1300	775	300
1400	775	300
1500	775	300
1600	775	300
1700	775	300
1800	775	300
1900	775	300
2000	775	300
2100	775	300
2200	775	300
2300	775	300
2400	775	300
2500	775	300
2600	775	300
3000	775	300
3500	775	300
4000	775	300
4500	775	300
5000	775	300

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.

**LINE EXTENSION ALLOWANCES**  
**RESIDENTIAL CLASS**  
**OVERHEAD PRIMARY AND UNDERGROUND SECONDARY**  
**(1 CONSUMER PER TRANSFORMER)**  
**PRIMARY ALLOWANCE PER SERVICE (LINEAR FEET)**  
(Effective July 1, 2007)

<b>Size</b>	<b>Total Electric</b>	<b>Non-Total Electric</b>
1000	600	125
1100	600	125
1200	600	125
1300	600	125
1400	600	125
1500	600	125
1600	600	125
1700	600	125
1800	600	125
1900	600	125
2000	600	125
2100	600	125
2200	600	125
2300	600	125
2400	600	125
2500	600	125
2600	600	125
3000	600	125
3500	600	125
4000	600	125
4500	600	125
5000	600	125

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.

Southern Rivers Energy  
**Line Extension Allowances**

Residential Class  
**Overhead Primary and Secondary**  
**(1 Consumer Per Transformer)**  
 Primary Allowance Per Service (Linear Feet)  
 (Effective July 1, 2007)

Size	Total Electric	Non-Total Electric
1000	775	300
1100	775	300
1200	775	300
1300	775	300
1400	775	300
1500	775	300
1600	775	300
1700	775	300
1800	775	300
1900	775	300
2000	775	300
2100	775	300
2200	775	300
2300	775	300
2400	775	300
2500	775	300
2600	775	300
3000	775	300
3500	775	300
4000	775	300
4500	775	300
5000	775	300

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.



Southern Rivers Energy  
**Line Extension Allowances**  
 Residential Class  
**Overhead Primary and Underground Secondary**  
**(1 Consumer Per Transformer)**  
 Primary Allowance Per Service (Linear Feet)  
 (Effective July 1, 2007)

Size	Total Electric	Non-Total Electric
1000	600	125
1100	600	125
1200	600	125
1300	600	125
1400	600	125
1500	600	125
1600	600	125
1700	600	125
1800	600	125
1900	600	125
2000	600	125
2100	600	125
2200	600	125
2300	600	125
2400	600	125
2500	600	125
2600	600	125
3000	600	125
3500	600	125
4000	600	125
4500	600	125
5000	600	125

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.

Southern Rivers Energy  
**Line Extension Allowances**

Residential Class

**Underground Primary and Secondary  
(1 Consumer Per Transformer)**

Primary Allowance Per Service (Linear Feet)  
(Effective July 1, 2007)

Size	Total Electric	Non-Total Electric
1000	(26)	(142)
1100	(21)	(142)
1200	(15)	(142)
1300	(9)	(142)
1400	(4)	(142)
1500	2	(142)
1600	8	(142)
1700	14	(142)
1800	19	(142)
1900	25	(142)
2000	31	(142)
2100	37	(142)
2200	42	(142)
2300	48	(142)
2400	54	(142)
2500	60	(142)
2600	65	(142)
3000	88	(142)
3500	117	(142)
4000	146	(142)
4500	174	(142)
5000	203	(142)

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.

3. The above primary allowances are based upon a maximum underground service length of 150 ft. In the event the length of the service lateral exceeds 150 ft. (or in case of multiple homes, if the average length exceeds 150 ft.), the excess footage will be charged to the developer, builder, homeowner, etc., at the Cooperative's standard cost per foot for underground.
4. In all cases, the minimum charge for all underground service shall be according to the fee schedule.

Southern Rivers Energy  
**Line Extension Allowances**

Residential Class

**Underground Primary and Secondary  
(2 Consumers Per Transformer)**

Primary Allowance Per Service (Linear Feet)  
(Effective July 1, 2007)

Size	Total Electric	Non-Total Electric
1000	51	(64)
1100	57	(64)
1200	62	(65)
1300	68	(65)
1400	73	(65)
1500	79	(65)
1600	84	(66)
1700	90	(66)
1800	95	(66)
1900	101	(66)
2000	106	(67)
2100	112	(67)
2200	117	(67)
2300	123	(67)
2400	128	(68)
2500	134	(68)
2600	139	(68)
3000	161	(69)
3500	189	(70)
4000	216	(72)
4500	244	(73)
5000	271	(74)

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.
3. The above primary allowances are based upon a maximum underground service length of 150 ft. In the event the length of the service lateral exceeds 150 ft. (or in case of multiple homes, if the

average length exceeds 150 ft.), the excess footage will be charged to the developer, builder, homeowner, etc., at the Cooperative's standard cost per foot for underground.

4. In all cases, the minimum charge for all underground service shall be according to the fee schedule.

Southern Rivers Energy  
**Line Extension Allowances**  
 Residential Class  
**Underground Primary and Secondary**  
**(3 Consumers Per Transformer)**  
 Primary Allowance Per Service (Linear Feet)  
 (Effective July 1, 2007)

<b>Size</b>	<b>Total Electric</b>	<b>Non-Total Electric</b>
1000	72	(43)
1100	78	(43)
1200	83	(43)
1300	89	(44)
1400	95	(44)
1500	100	(44)
1600	106	(44)
1700	111	(44)
1800	117	(44)
1900	122	(45)
2000	128	(45)
2100	134	(45)
2200	139	(45)
2300	145	(45)
2400	150	(46)
2500	156	(46)
2600	162	(46)
3000	184	(47)
3500	212	(48)
4000	240	(48)
4500	268	(49)
5000	295	(50)

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.
3. The above primary allowances are based upon a maximum underground service length of 150 ft. In the event the length of the service lateral exceeds 150 ft. (or in case of multiple homes, if the average length exceeds 150 ft.), the excess footage will be charged to the developer, builder, homeowner, etc., at the Cooperative's standard cost per foot for underground.
4. In all cases, the minimum charge for all underground service shall be according to the fee schedule.

Southern Rivers Energy  
**Line Extension Allowances**  
 Residential Class  
**Underground Primary and Secondary**  
**(4 Consumers Per Transformer)**  
 Primary Allowance Per Service (Linear Feet)  
 (Effective July 1, 2007)

Size	Total Electric	Non-Total Electric
1000	110	(5)
1100	112	(9)
1200	114	(13)
1300	116	(16)
1400	118	(20)
1500	120	(24)
1600	122	(27)
1700	124	(31)
1800	127	(35)
1900	129	(38)
2000	131	(42)
2100	133	(46)
2200	135	(50)
2300	137	(53)
2400	139	(57)
2500	141	(61)
2600	143	(64)
3000	152	(79)
3500	162	(97)
4000	172	(116)
4500	183	(134)
5000	193	(163)

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.

3. The above primary allowances are based upon a maximum underground service length of 150 ft. In the event the length of the service lateral exceeds 150 ft. (or in case of multiple homes, if the average length exceeds 150 ft.), the excess footage will be charged to the developer, builder, homeowner, etc., at the Cooperative's standard cost per foot for underground.
4. In all cases, the minimum charge for all underground service shall be according to the fee schedule.

Southern Rivers Energy  
**Line Extension Allowances**  
 Residential Class  
**Underground Primary and Secondary**  
**(5 Consumers Per Transformer)**  
 Primary Allowance Per Service (Linear Feet)  
 (Effective July 1, 2007)

<b>Size</b>	<b>Total Electric</b>	<b>Non-Total Electric</b>
1000	108	(8)
1100	111	(10)
1200	114	(13)
1300	117	(15)
1400	120	(18)
1500	123	(21)
1600	127	(23)
1700	130	(26)
1800	133	(29)
1900	136	(31)
2000	139	(34)
2100	142	(36)
2200	145	(39)
2300	149	(42)
2400	152	(44)
2500	155	(47)
2600	158	(49)
3000	171	(60)
3500	186	(73)
4000	202	(86)
4500	218	(99)
5000	234	(112)



Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.
3. The above primary allowances are based upon a maximum underground service length of 150 ft. In the event the length of the service lateral exceeds 150 ft. (or in case of multiple homes, if the average length exceeds 150 ft.), the excess footage will be charged to the developer, builder, homeowner, etc., at the Cooperative's standard cost per foot for underground.
4. In all cases, the minimum charge for all underground service shall be according to the fee schedule.

Southern Rivers Energy  
**Line Extension Allowances**

Residential Class

**Underground Primary and Secondary  
(6 Consumers Per Transformer)**

Primary Allowance Per Service (Linear Feet)  
(Effective July 1, 2007)

<b>Size</b>	<b>Total Electric</b>	<b>Non-Total Electric</b>
1000	107	(8)
1100	112	(9)
1200	116	(11)
1300	120	(13)
1400	124	(14)
1500	128	(16)
1600	133	(17)
1700	137	(19)
1800	141	(20)
1900	145	(22)
2000	149	(24)
2100	154	(25)
2200	158	(27)
2300	162	(28)
2400	166	(30)
2500	170	(31)
2600	174	(33)
3000	191	(39)
3500	212	(47)
4000	233	(55)
4500	254	(63)
5000	275	(71)

Notes:

1. The length of any extension, in excess of the allowances provided in this table above, will be charged to the developer, builder, homeowner, etc. at the Cooperative's standard cost per foot for primary extensions.
2. This table may be revised from time to time as deemed necessary by the Cooperative to reflect current construction costs and other appropriate factors.
3. The above primary allowances are based upon a maximum underground service length of 150 ft. In the event the length of the service lateral exceeds 150 ft. (or in case of multiple homes, if the

average length exceeds 150 ft.), the excess footage will be charged to the developer, builder, homeowner, etc., at the Cooperative's standard cost per foot for underground.

4. In all cases, the minimum charge for all underground service shall be according to the fee schedule.

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## **CHAPTER THREE: SERVICE CONNECTION, MEMBER WIRING AND EQUIPMENT**

### **(301) Service Connections**

The wiring and electrical equipment in or upon the premises of the consumer to the point where the cooperative wires/equipment meet must have the approval of the constituted authority of the local government agency, or any other constituted authority, if any, and must conform to the requirements of the National Electrical Code, the service regulations of the cooperative and, any other lawfully applicable standards before it can be connected to the system.

The location of the cooperative/consumer service interface shall be determined by agreement with a representative of the cooperative and must conform to the cooperative's service regulations. The consumer shall provide suitable means of supporting service wires to his building which will provide the minimum ground clearance and give adequate clearance over driveways and other obstructions as provided by the National Electrical Code. The cooperative shall not be required to build without cost to the applicant more service line than is necessary to reach the interface point as agreed to by the cooperative.

Per Section 46-3-30 of the Official Code of Georgia, no person firm or corporation shall commerce the installation, maintenance, or repair any water well which will require a person or equipment to be brought within the (10) feet of any high voltage line unless and until:

1. The person responsible for the work has given the notice required by code section 46-3-34 and
2. The owner or operator of such high-voltage line has effectively guarded against damage from accidental contact by either de-energizing and grounding the line, relocating it, or installing protective covering or mechanical barriers, which ever safeguard is deemed by the owner or operator to be feasible under the circumstances.

The cooperative's responsibility to installation and/or maintenance of facilities shall not extend beyond the point of attachment to the consumer's building, cooperative/consumer interface, or the meter.

### (302) General Wiring Requirements

Each consumer shall cause all premises receiving electric service pursuant to his membership to become wired in accordance with the requirements of the National Electrical Code. Each consumer shall be responsible for and shall indemnify the cooperative and any other person against injury, loss, or damage resulting from any defect and/or improper use of maintenance of such premises and all wiring and apparatus connected thereto or used thereon. In no event shall the responsibility of the cooperative extend beyond the point at which its service wires are attached to the consumers' wires or the meter provided for measuring electricity used on such premises.

### (303) Member Equipment

#### **A. Electric Motors**

The cooperative should always be consulted on motor installations other than motors used in normal home appliances.

It is the characteristic of most electric motors to draw a heavy momentary current when starting, resulting in variation of the voltage supplied to the other consumers who receive service from the same circuit or transformer. The cooperative shall limit, when necessary, the amount of starting current which may be drawn by a motor.

All motors should be provided with devices that will protect the motor against overload and short circuit as defined in the National Electrical Code. All three-phase motors shall have overload devices on each of the three-phase wires to insure proper protection for the motor.

The direction of phase rotation and the continuity of all three-phase current are guarded with great care, but the cooperative cannot guarantee against accidental or temporary change in phase rotation or phase failure; therefore, motors shall be equipped with suitable protection against such reversal or phase failure.

#### **B. Electric Generators**

Where consumer owned generation is installed by the consumer to provide emergency power, parallel operation of the consumer's generating equipment with the cooperative's system will not be allowed. A double throw switch must be used to prevent possible injury to cooperative employees by making it impossible for power to be fed back into the cooperative's wires from the emergency generator.

#### **C. Electric Welders and Miscellaneous Devices**

Consumers desiring to operate electric welders or other devices with high inrush or fluctuating currents must supply the cooperative with information regarding the electrical

characteristics of the equipment. Service will not be allowed to equipment which adversely affects the cooperative's equipment or service to other consumers.

The cooperative must be consulted before the purchase or installation of such equipment.

#### **D. Consumer Responsibility for Protective Devices**

All protective devices required by these regulations shall be provided by the consumer and at the consumer's sole expense.

#### **(304) Power Factor Corrections**

The maintenance of a high power factor is of primary importance in the economic operation and maintenance of the distribution system. Under-loaded motors contribute largely to the creation of a low power factor unfavorable to both the cooperative and the consumer.

Where the over-all power factor of the consumer's load is less than 85% lagging, the cooperative may require the consumer to install at his own expense equipment to correct the power factor. The cooperative reserves the right to measure the power factor at any time.

#### **(305) Phase Load Balance**

When multi-phase service is furnished, the consumer will at all times maintain a reasonable balance of load between the phases.

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## **CHAPTER FOUR: CONSUMER RATE CLASSIFICATION**

#### **(401) Rate Schedule Availability**

When two or more rates are available for certain classes of service, the choice of such rates lies with the consumer.

The cooperative will, upon request, advise any consumer as to the rate best adapted to existing or anticipated service requirements as defined by the consumer, but the cooperative does not assume responsibility for the selection of such a rate or for the continuance of the lower annual cost under the rate selected should the volume or character of service change.

A consumer having selected a rate adapted to his service may not change to another rate within a 12-month period unless there is a substantial change in the character or conditions of his service. A new consumer will be given reasonable opportunity to determine his service requirements before selecting a rate.

#### (402) Filing of Rate Schedules

A copy of the cooperative's applicable retail rates shall be on file at the Georgia Public Service Commission and at the headquarters of the cooperative.

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### **CHAPTER FIVE: METERING**

#### (501) Electric Meters

All meter bases shall be installed on an exterior surface as nearly as possible at eye level. Upon receipt of the application for service, a representative of the cooperative will, upon request, survey the premises to be served and locate the meter center in the most convenient and satisfactory location.

Meter pole service may be provided upon request where such installation may be necessary to adequately supply power to the served premises. A meter pole shall be provided by the consumer when a suitable building for mounting the meter is not available.

The cooperative will furnish the meter can.

All meters shall be placed ahead of all consumer switches and fuses unless otherwise agreed to by the cooperative.

#### (502) Meter Reading

Meters shall be read by the cooperative at intervals of approximately 30 days.

#### (503) Incorrect Reading of Meter

Correction shall be made whenever meters are incorrectly read. The correct reading shall be ascertained whenever possible, and the bills will be recalculated as nearly as possible to reflect the correct usage.

#### (504) Estimating

If the cooperative is unable to read the meter, or when the meter is out of order, the cooperative shall estimate the meter reading by using the average kilowatt hour consumption

for the previous six months or if connected for less than six months the number of months connected and the account shall be billed accordingly.

#### (505) Meter Tests

A test will be made of the accuracy of the meter upon the member making a deposit for meter testing, said deposit to be applied against the cost of the test. If the meter, upon testing, is found to be more than 2% (plus or minus) in error, the deposit shall be refunded to the consumer, and the consumer's bill will be adjusted according to error found for the three months immediately preceding the test.

#### (506) Meter Breakage

A Meter Breakage fee and all cost of materials used in the repairing of damages on a member's premises shall be charged when such damage is due to the negligence of, or, is otherwise the responsibility of the member. If the meter is damaged beyond repair, the replacement of a new meter shall be at the expense of the member.

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## **CHAPTER SIX: BILLING**

#### (601) Billing Period and Payment of Bills

All consumers shall be billed monthly. All bills for electric energy shall be billed on a net basis and are due and payable upon receipt by the consumer. Payment of bills may be made by mail, internet, telephone, or in person at the cooperative's general office, and other collection points authorized by the board of directors.

The bill is considered past due if unpaid 20 days after the date of billing and a 5% penalty but not less than \$1.00 shall be added to the net bill. At this time a final notice will be issued advising the customer of balance owed. The final notice will show any delinquent amount and will serve as notice of pending cutoff one day before the next reading date unless the delinquent amount is paid before then. If the delinquent bill has not been paid, service will be disconnected. The cooperative cannot be responsible, under any circumstances for electric bills lost in the mail or otherwise undelivered; therefore all penalties shall be applied even though members fail to receive a bill.

(602) Burned Buildings

A bill will not be rendered when fire destroys a building being served as an individual service if the fire occurs after one normal period for reading the meter and prior to the next normal period for reading the meter. A bill will be rendered when a meter reading or estimate would be available.

(603) Collecting, Disconnection for Failure to Pay Bill, Reconnection Fee, Hearing of Complaints and Deviation From Cutoff Policy

If a consumer fails to pay his bill by the final due date, the bill plus 5% but not less than \$1.00 is immediately due and payable. Failure to pay by one day prior to the final due date shall subject the consumer to disconnection. The cooperative will make reasonable effort to give final notice to the consumer 20 days after bill date stating that his bill is overdue and that his service will be disconnected unless full payment of the delinquent amount plus all charges and fees owing are paid as specified. Additionally, the cooperative may require payment of any other arrearages and for service rendered to date. However, if within such time the consumer requests to be heard because he questions the amount of or his liability for such bill, service shall not be disconnected until such hearing has been afforded and the consumer thereafter continues to fail to pay what is determined to be owed. After disconnection for failure to pay what is owed the cooperative, the consumer shall not thereafter be reconnected unless the consumer first pays what he owes and the reconnection fee as stated in the current fee schedule. If requested after 2 PM an after-hours charge will be assessed as stated in the current fee schedule.

Whenever a consumer registers a bona fide question or complaint with the cooperative with respect to the amount of liability for a bill for electric service, related late-pay charge, disconnection or reconnection fee, service security deposit, or required guaranty, the cooperative shall timely arrange for an informal hearing by a member of the cooperative's staff, who shall make an initial determination of the question or complaint and prepare a written memorandum thereof. If he is not satisfied with the determination made after such informal hearing, he may, if he so requests, have a further and final hearing by the board of directors. At either such hearing the consumer may be represented by counsel if he so chooses and so may the cooperative. In the event the request for such hearing is received while the consumer's service is still connected, such service shall not be disconnected pending the final outcome of the initial hearing and, if such be the case, the final hearing before the board of directors. However, the cooperative may require, pending the holding of and determinations by such hearing(s), that the consumer either put up a cash deposit sufficient to cover the cost of his estimated service during such time or provide the cooperative with a satisfactory guarantor that his total bill for such service will be paid.



The cooperative may deviate from its policy on cutoffs for delinquent bills in accordance with the following standards:

- A. When it is determined (1) that enforcement of the policy will constitute an undue hardship in relation to the amount of the delinquent bill and (2) that extension of credit for a fixed time, or arrangement for payment of the bill or its guarantee, will not unduly impair the cooperative's ability to effectuate final collection of the bill; or
- B. When the member involved establishes to the satisfaction of the cooperative that his failure to pay the bill has resulted from some mistake on the cooperative's part, or some mistake for which the member was not responsible, or a mutual mistake; or
- C. When the involved bill is a final bill covering service to a farm, home or other residential account and the main building thereof has been destroyed by fire not caused by act or arson on the part of the member or his family; or
- D. When disconnection of the service will impose an undue hardship or may pose immediate danger to the member or other persons due to illness or some hazardous condition or when and while the household is immediately and directly affected by a death.

#### (604) Other Reasons for Disconnection

The cooperative may refuse to connect or reconnect service, or may discontinue service, for the violation of its articles of incorporation or by-laws, for the violations of any of its rules and regulation, or for violation of any of the provisions of the Schedule of Rates and Charges or of the application of the consumer or contract with the consumer. The discontinuance of service by the cooperative for any cause as stated in this rule does not release the consumer from his obligation to the cooperative for the payment of service bills as specified in the application of the consumer or contract with the consumer. If the affected consumer so request, he will be afforded a hearing with respect to action by the cooperative pursuant to this paragraph in the same manner and subject to the same terms and conditions as set forth in the second paragraph of Section 603 of these Service Rules and Regulations.

Service may be disconnected immediately and without notice for the following reasons:

- A. Discovery of meter tampering;
- B. Diversion of electric current;
- C. Use of power for unlawful reasons;
- D. Discovery of a condition determined by the cooperative or local regulatory agency to be unduly hazardous; or
- E. Use prohibited by the cooperative's Schedule of Rates and Charges.

Electric service will be reconnected in the above cases under the following conditions; (1) correcting or ceasing the infraction; (2) payment for any un-metered current (if applicable); (3)

correction of hazardous condition (if applicable); (4) payment according to the current fee schedule will be assessed for meter tampering (5) payment of applicable reconnection fees; (6) payment of the cost of the repairs or replacement of the cooperative's meter or any other properties, if tampered with or otherwise damaged or destroyed; (7) paying the cooperative any service security deposit and/or providing the cooperative with an adequate guarantee if the cooperative so requires; (8) the member must agree to comply with reasonable requirements to protect the cooperative against further infractions; and (9) a meter (service) that has been tampered with will not be reconnected until the consumer meets with a customer service representative and agrees to the conditions for reconnection.

Service may be disconnected, but only after notice and reasonable time to comply with all infractions has been allowed, for violation of or noncompliance with any applicable state or local laws, regulations and codes pertaining to electric service. Electric service disconnected for such reason will be reconnected upon correction of infractions, under the same conditions as if the consumer had requested disconnection. If the affected consumer so requests, he will be afforded a hearing with respect to action by the cooperative in the same manner and subject to the same terms and conditions as set forth in the second paragraph of Section 603.

#### (605) Dishonored Checks

##### Service Rule 605 Dishonored Payments

If a member's payment is returned marked "Insufficient Funds", "No Account", or has been dishonored in any way, the cooperative will notify the member by letter that bona fide payment must be received within seven calendar days from the date of notification, or the meter will be removed. If the cooperative receives TWO insufficient or dishonored payments from the same account within a twelve month period, the dishonored form of payment on this account will NOT be accepted for another twelve month period. A handling charge by the cooperative will be billed to the member on all Insufficient OR Dishonored payments.

When a payment has been given for the purpose of preventing disconnection for non-payment and the payment is dishonored, disconnection will be made immediately without notice.

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## **CHAPTER SEVEN: EASEMENT, RIGHT OF ACCESS AND COOPERATIVE PROPERTY**

#### (701) Member to Grant Easements to Cooperative if Required

Each consumer shall, upon being requested to do so by the cooperative, execute and deliver to the cooperative grants of easement or right-of-way over, on and under such lands owned by

the consumer, and in accordance with such reasonable terms and conditions, as the cooperative shall require for the furnishing of electric service to him or for the construction of other facilities necessary for furnishing service to others or for transmitting power between two or more otherwise unconnected points on the cooperative's system.

(702) Right of Access

Cooperative's identified employees shall have the right of access to consumer's premises at all reasonable times for the purpose of reading meters, testing, repairing, removing, maintaining, or exchanging any or all equipment and facilities which are the property of the cooperative.

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## **CHAPTER EIGHT: GENERAL CONDITIONS FOR MEMBER WITHDRAWAL**

(800) General Conditions for Member Withdrawal

A member may voluntarily withdraw in good standing from membership upon compliance with the generally applicable conditions as follows:

- A. Payment of any and all amounts due the cooperative, and cessation of any non-compliance with his membership obligations; all as of the effective date of withdrawal; and either:
    - 1. Removal to other premises not furnished service by the cooperative; or
    - 2. Ceasing to use any electric service whatsoever at any of the premises to which such service has been furnished by the cooperative pursuant to his membership.
  
  - B. Upon such withdrawal, the member shall be entitled to refund of his membership fee and of any service connection or security deposit then held by the cooperative.
  
  - C. The President/CEO shall be responsible for securing compliance with this policy and the Board of Directors shall acknowledge by formal resolution the termination of any member's membership for any reason as soon as practicable after the fact of such termination is made known to it.
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## **CHAPTER NINE: MISCELLANEOUS**

(SR 901)

Complaints from members that the voltage is either low or high will be investigated. Necessary changes will be made as soon as possible.

In cases where the cooperative receives complaints from members or consumers that the voltage is either low or high and requests a larger transformer or other changes, a serviceman will be dispatched to investigate the case. After investigation is made and it is determined that a change in the size of transformer and/or conductor or service entrance should be made, such change will be made as soon as possible. If the investigation reveals that there is some doubt, then a recording volt meter will be placed at the location and will be run for a period of approximately forty eighty hours. The result of the recording will determine if any change needs to be made and the case will be handled accordingly. If the volt meter and investigation reveals that there is no low/high voltage at the point of delivery, then it must be assumed that the trouble, as was reported, is on the members' side of the point of delivery.

A. House Moving: The cooperative will cooperate in raising its lines for house or building moving. The company moving will give the cooperative at least 48 hours notice and must have a permit from state or local authorities as needed. Employees are not to ride in a house to be moved or in mover's equipment NOR will they handle wires which belong to other utilities. The cooperative shall require the house mover to make a substantial deposit in advance of the operation to guarantee the cooperative against loss and a charge will be made against the mover for the employees' time.

B. Removal and/or Relocation of Electric Distribution Lines and Facilities: Upon request of the State Highway Department of Georgia and/or county authorities, the cooperative may remove its facilities from present location and re-install the same at a new location where the necessity arises from the construction of a new road or the widening or relocation of an existing road, subject to the conditions below. The same policy shall apply on all road relocations sponsored by the State of Georgia, county authorities or joint sponsorship of the state and federal government.

C. Request: The cooperative shall require a written request for relocation of lines supported by necessary maps and related information, not less than thirty days before the anticipated date of beginning of removal operations on the part of the agency making the request. Where facilities of the cooperative are situated on lands or rights-of-way therein, which have been transferred to the cooperative by instruments executed by the owner, or state, county or other political subdivision thereof, the state or county requesting the relocation shall pay the cost of relocation of said lines including disbursements for labor, acquisition of right-of-way, poles and materials necessary to consummate the removal and relocation of lines as requested by such state authority.

D. Processing Request: In such cases the Vice President of Engineering and Operations shall be held responsible for the determination that all requests for such removals and relocations are in order and comply with this service rule and that the requests has been made by the proper authority.

E. Estimate of Costs: Upon the receipt of a request for removal and relocation of facilities accompanied by necessary engineering and other technical information, the Vice President

of Engineering and Operations shall cause to be made an estimate of the cost of the undertaking which shall include all labor, right-of-way clearing, poles and materials necessary to consummate the removal and relocation, taking into consideration the amount and value of materials on existing line which can be moved and used in the new location or otherwise. When the estimate has been approved by the Vice President of Engineering and Operations, he shall cause it to be delivered to the authority requesting the work. Upon acceptance of the estimate by the authority in writing, the removal and relocation of the lines may proceed.

F. Actual Costs: The estimate of cost of such undertaking shall be adjusted to conform with actual cost when the undertaking shall be completed, and to a final statement of the cost shall be submitted to the authority requesting the same. The procedure herein shall follow and cooperate with the laws and legally constituted regulations of the State Highway Department. Where any conflict may appear, the Vice President of Engineering and Operations is authorized to adjust administrative details of procedure. Otherwise, any deviation from this policy shall be authorized by action of the board.

G. Lines, Retirement of: Idle facilities, such as on houses that have been abandoned and have fallen down or where services have been idle for at least twelve months may be retired according to cooperative's judgment.

H. Pole Moving: The cooperative may move or add at no charge, one pole if such action will be beneficial to the member and the cooperative. There will be a charge assessed according to the current fee schedule if an additional pole is required solely for an area light.

The cooperative reserves the right to refuse to move or add certain poles if the same is impractical and will not conform to standard RUS engineering practices.

I. Pole, Joint Use of: Any utility desiring use of the cooperative's poles, shall before attaching to the cooperative's poles, enter into a joint use contract with the cooperative. The cooperative will not use or attach to any other utility's poles unless said utility has a joint use contract with the cooperative.

The cooperative will consider the alteration of its physical plant to conform with requirements of the joint user and if alterations are made, will submit a bill for their cost in accordance with the joint use agreement.

J. Right-of-Way: If condemnation proceedings are necessary to secure proper right-of-way for the construction of distribution lines, substation sites, etc., such action will be instituted.

K. Trimming of Consumers Trees and Shrubbery: Where trees and shrubbery located on private property have grown so as to interfere with the service of the distribution lines, the

cooperative will contact the member and request his/her cooperation in trimming said trees and shrubs.

The cooperative, in fulfilling its obligation to provide cost effective and reliable service, will take all appropriate action to ensure its rights-of-ways are maintained. This effort also protects the public from possible electrical contact.

It is the intent of the cooperative to serve every bona fide residence within the confines of its service area without undue expenditures for some temporary or seasonal load. In this event, the cooperative will serve them if necessary arrangements can be made.

L. Area Coverage: It shall be the policy of the cooperative to provide service to all permanent residences, upon request, at regularly established retail rates and minimum charges, with reasonable contribution in aid of construction where required.

It shall be the policy of cooperative to provide outdoor lighting on a lease basis. Installation will be made in compliance with the following terms and conditions:

1. All lighting equipment; wire, poles, foundations, photo controls, light fixtures and bulbs will be furnished by the cooperative. Should the installation require the construction of primary lines and equipment, the consumer will need to pay, in advance, the costs of such facilities. Request for pole heights, non-wood poles or lighting fixtures outside of what the cooperative normally provides for area lighting will be considered if the consumer covers, in advance, the extra associated costs, which may include the purchase and storage of spares.
2. The cooperative shall furnish at no additional cost, during normal working hours, ordinary and normal maintenance of lights and associated equipment. If the consumer requests maintenance outside of normal working hours, such service is available for a service fee.
3. Damage to any of said equipment any time after installation caused by any act, except an act of God or natural wear and tear, shall be paid for by the consumer. The cooperative may, at its option, discontinue service 10 days after the second month's bill has been rendered (if not paid by that time) without further notice.
4. The consumer must maintain regular member status and shall be bound by the provisions of the articles of incorporation, by-laws, and service rules and regulations that may be adopted from time to time.
5. Location of light(s) shall be mutually agreed upon by the consumer and the cooperative representative and upon installation said location shall not be altered or changed unless the consumer shall first pay in advance the full cost of same,

including labor and equipment. It is the obligation of the consumer to provide at all times clear vehicle access to the light so that it can be maintained or repaired.

6. Should a consumer request a light be taken out of service and within 12 months request the light be reconnected there will be assessed a service fee to cover the trip to turn off the light and the trip to turn the light back on.
7. The cooperative offers several different wattages and styles of lights and poles. Mercury Vapor, (white light) High Pressure Sodium (yellow light), and Metal Halide (very bright white light). Due to consumer preference Mercury Vapor is our standard light. We offer the following wattages; 100 HPS, 150 HPS & MV, 175 MV, 250 HPS, 400 MV & HPS & MH, and 1000 MH. Not all wattages are available in all styles/types of lights.

### Overhead

Overhead service to a light will be provided only on wood poles. There is no in advance fee for the cooperative to install a light on an existing wood pole. If a new pole is required the consumer can pay, in advance, for the pole or have the cost of the new pole included in their monthly fee for the light and pole. After the location/size of the pole and the style of the light has been determined and installed, the member will be required to pay for the cost of any member requesting changes. (Example: 150 High Pressure Sodium to 175 Mercury Vapor, or move light from side of house to rear, etc.).

### Underground

Depending on light style/size, they can be installed on 20 or 35-foot fiberglass or 30-foot wood poles. Should the consumer desire different pole sizes or aluminum or concrete poles the cooperative will do its best to work with the consumer. All costs outside of what the cooperative normally offers will need to be paid in advance by the consumer. There is a per foot trench charge on footage between the transformer and the light that exceeds 80 feet.

### **SUB-DIVISION/GENERAL STREET LIGHTS – County or Home Owner Association (HOA)**

For sub-divisions which fall within an area whereby the county will pay the monthly street light fees or which have a designated Home Owners Association (HOA) whose covenants require the HOA to pay the monthly lighting fee, the cooperative will furnish street lighting as follows:

- A. On a twenty-foot fiberglass pole, the cooperative will install a 150-watt High Pressure Sodium Town and Country style streetlight.
- B. On a thirty five foot fiberglass pole, the cooperative will install a 250 watt High Pressure Sodium, 400 watt Mercury Vapor or a 150 watt Mercury Vapor light.

C. On a thirty foot wood pole the cooperative will install a 150 watt Mercury Vapor, 250 watt High Pressure Sodium or a 400 watt Mercury Vapor light.

If other lights or poles are substituted, the developer/county/HOA will be responsible for any additional cost. Aid in construction is built into the monthly charge except for a charge for each foot of trenching/wire over ten feet between the transformer and the light. Additional charges may occur if unusual circumstances are encountered which require use of equipment other than the cooperative's normal ditching equipment and/or material. Examples of unusual circumstances are rock, rough terrain or wet areas or if conduit or topsoil is needed. Under these circumstances, the developer/county/HOA will be responsible for any additional charges, including any additional labor costs.

### **SUB-DIVISION/GENERAL STREET LIGHTS – PRIVATE**

For sub-divisions which do not fall within an area whereby the county will pay the monthly street light fees or which do not have a designated HOA whose covenants require the HOA to pay the monthly fee, the cooperative will furnish street lighting as follows:

- A. On a thirty-five foot fiberglass pole, the cooperative will install a 150 watt Mercury Vapor, 250 watt High Pressure Sodium or 400 watt Mercury Vapor light. The consumer will have to pay in advance a per pole aid-in-construction.
- B. On a thirty-foot wood pole the cooperative will install a 150-watt Mercury Vapor, 250 watt High Pressure Sodium or a 400 watt Mercury Vapor light. The consumer will have to pay in advance a per pole aid-in-construction.
- C. On a twenty-foot fiberglass pole, the cooperative will install a 150-watt High Pressure Sodium Town and Country style streetlight. The consumer will have to pay in advance a per pole aid-in-construction.

If other lights or poles are desired, the developer/county/HOA will be responsible for any increase in cost. There will be a charge for each foot of trenching/wire over 80 feet between the transformer and the light. Additional charges may occur if unusual circumstances are encountered which require use of equipment other than the cooperative's normal ditching equipment and/or material. Examples of unusual circumstances are rock, rough terrain, wet areas or if conduit or topsoil is needed. Under these circumstances, the developer/county/HOA will be responsible for any additional charges, including any additional labor costs.

The cooperative reserves the right to adjust charges in accordance with any changes in the rate structure or increase in costs associated with the provided lighting. (See the rate schedule for all charges associated with street, area lighting.)



This Policy is designed to facilitate a member purchasing a “stand alone” emergency/standby generator to serve a members specific load during an outage. Under no circumstances is this generation to flow power back onto the cooperative distribution system.

The cooperative will finance a generator for a maximum period of three years at National Rural Utilities Cooperative Finance Corporation's three year fixed rate plus one percent. Payments will be billed via the members’ monthly power bill. The cooperative will provide a minimum Generator Specification to the member. Deviations from this specification shall be approved by the Vice President of Finance and Administration. Member shall submit to the cooperative for approval, vendor's price for generator-set plus technical data, brochures and drawings. Loan limits and credit requirements are set by the board of directors.

#### **QUALIFICATIONS**

- A. The minimum size of the generator must be 20 KW
- B. The maximum amount of a loan shall be \$30,000

#### **MEMBER RESPONSIBILITY**

- A. Purchasing of fuel and providing proper working maintenance.
- B. Arranging the purchase, delivery, and testing of the generator-set.
- C. Securing a certified licensed electrical contractor to install all electrical wiring and equipment. The generator wiring and service wiring beyond the meter shall include an approved double pole double-throw switch.

#### **THE COOPERATIVE'S RESPONSIBILITY**

- A. Inspect installation for compliance with National Electrical Code, National Electrical Safety Code. The cooperative shall have the right to disapprove the installation if found to be faulty.
- B. Issue checks jointly to the generator dealer and member upon receipt of (Attachment "B") of this agreement.
- C. Loan approval shall rest with the Vice President of Finance and Administration.

# GENERATOR CERTIFICATION

The following has been inspected and tested for proper installation and operation.

- 1. Engine Protection and Emergency Shutdown System:
  - Engine Serial Number \_\_\_\_\_
  - Low Oil Pressure \_\_\_\_\_
  - High Coolant Temperature Shutdown \_\_\_\_\_
  - Over Crank Shutdown \_\_\_\_\_
  - Over Speed Shutdown \_\_\_\_\_
  - Pre-Warning for Low Oil Pressure \_\_\_\_\_
  - Pre-Warning for High Coolant Temp \_\_\_\_\_
  - Engine Manufacturer \_\_\_\_\_

The undersigned hereby certifies to the cooperative that each item has been properly installed and is operating properly.

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

- 2. Transfer Switch:
  - Transfer Switch Serial Number: \_\_\_\_\_
  - Installation \_\_\_\_\_
  - Transfer from Utility to Generator \_\_\_\_\_
  - Return to Utility Power \_\_\_\_\_
  - Transfer Switch Manufacturer \_\_\_\_\_

The undersigned hereby certifies to the cooperative that each item has been properly installed and is operating properly.

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

- 3. Generator Operation:
  - Generator Serial Number \_\_\_\_\_
  - RPM \_\_\_\_\_
  - Voltage \_\_\_\_\_
  - Frequency \_\_\_\_\_
  - Generator Manufacturer \_\_\_\_\_

The undersigned hereby certifies to the cooperative that each item has been properly installed and is operating properly.

Performed By: \_\_\_\_\_ Date: \_\_\_\_\_

**Southern Rivers Energy**  
**Distributed Generation Procedures and**  
**Guidelines Manual for Members**  
**SR 906 Pages 46-78**

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## GENERAL

In order to receive service from Southern Rivers Energy, a customer must join or become a "Member" of Southern Rivers Energy. Throughout this DG Manual, Southern Rivers Energy will be referred to as the "Cooperative" and customers will be referred to as "Members." For more information about the cooperative membership application process, including any applicable membership fees or deposits, see the Cooperative to request new member information.

It is the intent of the Cooperative to allow Members to install Distributed Generation (DG), provided the Member's DG facility does not adversely affect the Cooperative. The Member must conduct his/her own analysis to determine the economic benefit of DG operation.

A DG facility that is not connected to the Cooperative's system in any way is known as "stand-alone" or "isolated" DG. The Member may operate a DG facility in stand-alone or isolated fashion as long as such DG facility does not adversely affect the Cooperative's system. A DG facility electrically connected in any way to the Cooperative's system shall be considered as in "parallel." For purposes of this DG Manual, a DG facility is considered operating in "parallel" anytime it is electrically connected to the Cooperative's system in any way, even if the Member does not intend to export power. All provisions of this DG Manual shall apply to parallel operation of DG facilities as so defined. Member shall fully comply with the provisions of this DG Manual, as same may be amended from time to time at the sole discretion of the Cooperative.

This DG Manual is not a complete description or listing of all laws, ordinances, rules and regulations, nor is this DG Manual intended to be an installation or safety manual. The Member requesting to interconnect a DG facility to the Cooperative's system is responsible for and must follow, in addition to all provisions of this DG Manual, the Cooperative's *Rules and Regulations and Tariffs for Electric Service*, the Cooperative's *Line Extension Policy*, the *Policies and Procedures* of the Cooperative's Power and/or Transmission supplier where applicable, the *Policies and Procedures* of the Cooperative's transmission service provider where applicable, the current *IEEE 1547 Standard Guide for Distributed Generation Interconnection* (a copy is on file at the Cooperative for inspection along with information so the Member may obtain his/her own copy), other applicable IEEE standards, applicable ANSI standards, including ANSI Standard C84.1 Voltage Range A and any other applicable governmental and regulatory laws, rules, ordinances or requirements. All DG equipment must be UL listed for its intended use. All legal, technical, financial, etc. requirements in the following sections of this DG Manual must be met prior to interconnection of the DG facility to the Cooperative's system.

A Member may serve all load beyond the meter at the location serving the DG facility but will not be allowed to serve multiple meters, multiple consuming facilities or multiple Members with a single DG facility or under a single DG application without prior written approval by the cooperative.

DG facilities larger than 10 MW are not covered by this DG Manual and will be considered by the Cooperative on a case-by-case basis.

## **I. DETERMINE THE CATEGORY OF DISTRIBUTED GENERATION FACILITY**

### **1) Connection Level Category**

**A) Connected to the Cooperative's system**

The Member requests and/or the Member's DG facility require connection to the Cooperative's system. All provisions of this DG Manual cover this category.

**B) Connected to the Cooperative's Power and/or Transmission Supplier's system**

The Member requests and/or the Member's DG facility require connection to the Cooperative's Power and/or Transmission Supplier's system. This DG Manual does NOT cover this category.

### **2) Power Export Category**

**A) Parallel – no power export**

The Member operates a DG facility connected in any way to the Cooperative system but with no intention to export power.

**B) Parallel – power generated to be both consumed and exported**

The Member operates a DG facility connected in any way to the Cooperative's system designed primarily to serve the Member's own load but with the intention to export excess power.

**C) Parallel – power generated to be exported only**

The Member operates a DG facility connected in any way to the Cooperative's system designed primarily with the intention to export power.

### **3) Size Category**

**A) Facilities  $\leq 10$  kW (residential) and  $\leq 100$  kW (commercial)**

Facilities  $\leq 10$  kW (residential) and  $\leq 100$  kW (commercial) of connected generation will be placed in this size category unless the Member requests connection under category b).

**B) Facilities  $> 10$  kW (residential) and  $> 100$  kW (commercial) and  $< 10$  MW**

Facilities  $> 10$  kW (residential) and  $> 100$  kW (commercial) and  $< 10$  MW of connected generation will be placed in this size category. Smaller capacity facilities may be placed in this size category if so requested by the Member.

**C) Facilities above 10 MW of connected generation**

Not considered under this DG Manual

## **II. MEMBER'S INITIAL REQUIREMENTS**

### **1) Notification**

**A)** The Member must meet all the Cooperative's membership and service requirements in addition to the requirements in the DG Manual.

**B)** Anyone owning or operating a DG facility in parallel with the Cooperative's system must notify the Cooperative of the existence, location and category of the DG facility.

**C)** The Member shall give notice to the Cooperative at least 30 days prior to the intended operation date of the DG facility.

## 2) Service Request

A) In advance of request for an interconnection, the Member must contact the Cooperative and complete the “Cooperative Agreement for Interconnection and Parallel Operation of Distributed Generation.”

B) DG facilities < 5 kW in size and of standard manufacture and design (as so determined by the Cooperative) may submit the Agreement Short Form. All other facilities must submit the Agreement Long Form.

C) A separate form must be submitted for each facility.

## 3) Submit a DG Plan

A) As a part of the application, the Member shall submit a plan detailing the electrical design, interconnection requirements, size, and operational plans for the DG facility (the “DG plan”). Either at the time of submission or at any time during the review process, the Cooperative may require additional information or may require the DG plan to be prepared by a Professional Engineer registered in the state of Georgia.

b) In the case of DG facilities (i) to be operated in parallel with the Cooperative’s system, (ii) with no intention to export power to the Cooperative and (iii) that are of standard design and intended entirely as emergency or back-up power supply for the facility, the Cooperative may, at its sole discretion, waive the application fee.

c) Prior to review of the application and DG plan by the Cooperative, the Member shall pay an application fee as indicated below. A separate fee must be submitted for each DG facility.

<b>DG Size (Connected Load)</b>	<b>Application Fee</b>	<b>Additional Engineering Fee</b>
≤ 10 KW (residential) ≤ 100 kW (commercial)	\$50	None
> 10 KW to <10 MW (residential) > 100 kW to < 10 MW (commercial)	\$250	As Required (Paid by Member)
> 10 MW	Not covered by this DG Manual	

## III. COOPERATIVE AND/OR POWER AND/OR TRANSMISSION SUPPLIER REVIEW PROCESS

### 1) Plan Review Process

a) The Cooperative and its Power and/or Transmission Supplier, if requested by the Cooperative, will review the application and accompanying documents, plans, specifications, and other information provided and will return an interconnection analysis to the Member within 60 days of receipt of final plans and specifications and additional information, if any, requested by the Cooperative.

b) Technical review will be consistent with guidelines established by the most recent *IEEE Standard 1547*

*Guide for Distributed Generation Interconnection.* The Member will be required by the Cooperative to provide certification by a Professional Engineer that their DG Facilities have been tested and certified per applicable IEEE guidelines.

- c) If corrections or changes to the plans, specifications and other information are to be made by the Member, the 60-day period may be reinitialized when such changes or corrections are provided to the Cooperative. In addition, any changes to the site or project requiring new analysis by the Cooperative may require additional cost and a new DG plan. The cost will be determined by the Cooperative and shall be paid by the Member.
- d) The Member acknowledges and agrees that any review or acceptance of such plans, specifications and other information by the Cooperative and/or its Power and/or Transmission Supplier shall not impose any liability on the Cooperative and/or its Power and/or Transmission Supplier and does not guarantee the adequacy of the Member's equipment or DG facility to perform its intended function. The Cooperative and its Power and/or Transmission Supplier disclaim any expertise or special knowledge relating to the design or performance of DG installations and does not warrant the efficiency, cost-effectiveness, safety, durability, or reliability of such DG installations. Installation and operation of the DG facility shall at all times be at the Member's risk and expense.
- e) In the event it is necessary at the time of initial interconnection or at some future time for the Cooperative and/or its Power and/or Transmission Supplier to modify electric delivery systems in order to serve the Member's DG facilities and/or purchase or continue to purchase the output of the Member's DG facilities, or because the quality of the power provided by the Member's DG adversely affects the Cooperative's and/or its Power and/or Transmission Supplier's delivery system, the Member will be responsible to pay the Cooperative and/or its Power and/or Transmission Supplier in advance for all costs of modifications required for the interconnection of the Member's DG facilities.

#### **IV. SALES TO AND PURCHASES FROM A DG FACILITY**

##### **1) For all DG where the Member desires to export power**

- a) All DG facilities shall be billed under one of the Cooperative's existing rate tariffs.
- b) All sales of electric power and energy by the Cooperative to a Member shall be calculated under the applicable retail rate schedule established by the Cooperative as if there were no DG installation at the Member's premises, including any charges in the Cooperative's DG tariff rider.
- c) The Member shall pay all rates and charges so listed in the applicable tariff sections.
- d) The Member shall be subject to any applicable charges for ancillary services related to the Member's DG facility, including but not limited to scheduling, dispatching and energy imbalance.

##### **2) For DG $\leq 10$ kW (residential) and $\leq 100$ kW (commercial) where the Member desires to export power**

- a) For power produced less than on-site requirements, the Member will be compensated by netting the Member's kWh generation against the Member's kWh consumption, referred to as "net metering," As described in *The Georgia Cogeneration and Distributed Generation Act of 2001*. The Cooperative shall bill the Member for the excess energy supplied by the Cooperative over and above the energy supplied by the Member during each billing period according to the Cooperative's applicable retail rate schedule.
- b) When the energy supplied by the Member, generated from a solar photovoltaic system, a fuel cell, or a wind turbine, exceeds the energy supplied by the Cooperative during any period, the excess energy shall be



purchased or credited by the Cooperative at its overall avoided cost. Overall avoided cost will be calculated by dividing the prior year's total power purchase cost (excluding demand costs and transmission costs) by the prior year's total kWh's purchased.

c) The Member shall sign an approved Interconnection Agreement, as detailed in this DG Manual, for interconnection service with the Cooperative.

d) In addition to all other charges, the Cooperative may bill the Member for any additional facilities and/or metering charges as determined by the Cooperative and appended to the Interconnection Agreement.

### 3) For DG >10 kW (residential) and >100 kW (commercial) where the Member desires to export power

a) The type of metering to be used shall be specified at the sole discretion of the Cooperative. The metering shall provide data so the Cooperative can determine each billing period the energy supplied to the Member by the Cooperative and the energy supplied to the Cooperative by the Member.

b) At the sole discretion of the Cooperative, an approved load profile meter may be required which can be remotely read by the Cooperative through an approved communications link. Otherwise, the meter shall be read monthly by Cooperative personnel and the Member shall be billed for the additional cost of reading the meter.

c) The Cooperative shall bill the Member for the full energy used by the Member during each billing period according to the Cooperative's applicable retail rate schedule.

d) In addition to all other charges, the Cooperative may add an additional monthly charge for Members with DG facilities to recover any additional billing, meter reading and/or additional service costs.

e) The Cooperative shall pay the Member on a monthly basis for the energy supplied by the Member to the Cooperative. The rate paid by the Cooperative to the Member shall be the Cooperative's current overall avoided cost.

f) The Member shall sign an approved Interconnection Agreement for Interconnection of Distributed Generation with the Cooperative.

g) In addition to all other charges, the Cooperative may bill the Member for any additional facilities charges as determined by the Cooperative and appended to the Interconnection Agreement.

### 4) Purchases from the Member

a) The Cooperative shall not be required to make any purchases that will cause the Cooperative to no longer be in compliance with any applicable contracts or all-power contract requirements with its power supplier(s).

## **V. MEMBER'S RESPONSIBILITY PRIOR TO OPERATION**

### 1) Line Extension and Modifications to Cooperative Facilities

a) As a part of the interconnection analysis performed by the Cooperative, the Member will be provided with an estimate of any line extension or other cost to be incurred in providing electric delivery service to the Member's DG facility.

b) Notwithstanding the Cooperative's line extension policy, the Member shall pay in advance the full cost of the construction of any transmission, substation, distribution, transformation, metering, protective, or other facilities or equipment which, at the sole discretion of the Cooperative and/or its

Power and/or Transmission supplier, is required to serve the Member's DG facility.

c) In the event it is necessary at the time of initial interconnection or at some future time for the Cooperative and/or its Power and/or Transmission Supplier to modify electric delivery systems in order to serve the Member's DG facilities and/or purchase or continue to purchase the Member's output, or because the quality of the power provided by the Member's DG adversely affects the Cooperative and/or its Power and/or Transmission Supplier's delivery system, the Member will reimburse the Cooperative and/or its Power and/or Transmission Supplier for all costs of modifications required for the interconnection of the Member's DG facilities.

d) In the event the Cooperative at any time in the future changes primary voltage of facilities serving the DG facility such that metering equipment, transformers and/or any other Member-owned equipment must be changed to continue receiving service at the new primary voltage level, the full cost of the change will be borne by the Member.

e) In all cases, the Member shall pay the full cost of the installation of a load break disconnect switch by and to the sole specification of the Cooperative. The switch shall be readily accessible to Cooperative personnel and of a type that will provide a visible air gap when in the open position and can be secured in an open position by a Cooperative lock.

## 2) Applicable Regulations

The DG facility shall be installed and operated by the Member subject to and in accordance with the terms and conditions set forth in the Cooperative's rules, regulations, bylaws, rates and tariffs, as amended from time to time, and, if applicable, approved by the Cooperative's board of directors, which are incorporated herein by reference, and in compliance with all applicable federal, state and local laws, regulations, zoning codes, building codes, safety rules, environmental restrictions, ordinances and regulations, including without limitation, the most recent IEEE Standard 1547 Guide for Distributed Generation Interconnection, applicable ANSI standards, including ANSI C84.1 Range A, and in accordance with industry standard prudent engineering practices.

## 3) Liability Insurance

### 1. Facilities $\leq 10$ kW (residential) and $\leq 100$ kW (commercial)

- a. Facilities  $\leq 10$  kW (residential) and  $\leq 100$  kW (commercial) will be required to provide insurance as required by current Georgia Law

### 2. Facilities $> 10$ kW (residential) and $> 100$ kW (commercial)

- a. Prior to interconnection, the Member must provide (at Member's expense) a certificate of insurance showing satisfactory liability insurance including contractual liability insurance covering indemnity agreements which insures the Member against all claims for property damage and for personal injury or death arising out of, resulting from or in any manner connected with the installation, operation and maintenance of the Member's generating equipment.
- b. The amount of such insurance coverage required to be provided by the Member shall be not less than \$1,000,000 per occurrence. The amount of such coverage and the type of insurance coverage required shall be acceptable to the Cooperative and may be amended from time to time by the Cooperative at the sole discretion of the Cooperative.
- c. The certificate shall provide that the insurance policy will not be changed or canceled during its

term without thirty days written notice to the Cooperative. The term of the insurance shall be coincident with the term of the interconnection contract or shall be specified to renew throughout the length of the interconnection contract.

- d. The Member shall provide proof of such insurance to the Cooperative at least annually.

#### 4) Contracts

##### 1) Interconnection Contract

The Member will sign and deliver an Agreement for Interconnection to the Cooperative substantially in the form as shown in the COOPERATIVE AGREEMENT FOR INTERCONNECTION AND PARALLEL OPERATION OF DISTRIBUTED GENERATION included in this DG Manual.

#### 5) Initial Interconnection

a) Upon satisfactory completion of the review process and execution of required agreements as outlined in this DG Manual, the Cooperative will begin installation of the interconnection of DG facilities. The interconnection will be completed as soon as practical after completion of the review process and execution of the necessary agreements/contracts. After completion of interconnection requirements and prior to initiation of service, the Cooperative will conduct a final inspection of the facilities and interconnection to the Cooperative's system. Upon final inspection satisfactory to the Cooperative, the Cooperative will initiate service to the Member.

b) The Cooperative's review process and final inspection is intended as a means to help safeguard the Cooperative's facilities and personnel. The Member acknowledges and agrees that any review or acceptance of such plans, specifications and other information by the Cooperative and/or its Power and/or Transmission Supplier shall not impose any liability on the Cooperative and/or its Power and/or Transmission Supplier and does not guarantee the adequacy of the Member's equipment or DG facility to perform its intended function. The Cooperative and its Power and/or Transmission Supplier disclaims any expertise or special knowledge relating to the design or performance of DG installations and does not warrant the efficiency, cost-effectiveness, safety, durability, or reliability of such DG installations.

### **VI. REFUSAL TO INTERCONNECT SERVICE OR DISCONNECTION OF INTERCONNECTION SERVICE**

The Cooperative may, at its sole discretion, prevent the interconnection or disconnect the interconnection of DG facilities due to reasons such as safety concerns, reliability issues, power quality issues, breach of interconnection contract or any other issue which the Cooperative considers to be a reasonable basis for such action. Any disconnection may be without prior notice.

### **VII. OPERATION OF PARALLEL FACILITY**

The purpose of this section is to outline the Cooperative's operational requirements (the fulfillment of which is the responsibility of the Member) for DG facilities operated in parallel with the Cooperative's system and is not intended to be a complete listing of all operational, regulatory, safety and other requirements.

#### 1) Ownership of facilities

a) The Member shall own and be solely responsible for all expense, installation, maintenance and

operation of all facilities, including all power generating facilities, at and beyond the point of delivery as defined in the Cooperative's tariffs.

b) These requirements do not preclude a Member from entering into a solar energy procurement agreement.

c) At its sole discretion, the Cooperative may locate cooperative owned metering equipment and/or transformers past the point of delivery.

## 2) Self-Protection of DG Facilities

a) The Member will furnish, install, operate and maintain in good order and repair all equipment necessary for the safe operation of DG facilities operated in parallel with the Cooperative system.

b) The Member's equipment will have capability to both establish and maintain synchronism with the Cooperative system and to automatically disconnect and isolate the DG facility from the Cooperative system upon loss of Cooperative power.

c) The Member's DG facility will be designed, installed and maintained to be self-protected from normal and abnormal conditions on the Cooperative system including, but not limited to, overvoltage, undervoltage, overcurrent, frequency deviation, and faults. Self-protection will be compatible with all applicable Cooperative protection arrangements and operating policies.

d) Additional protective devices and/or functions may be required by the Cooperative when, in the sole judgment of the Cooperative, the particular DG facility installation and/or the Cooperative system characteristics so warrant.

## 3) Quality of service

a) The Member's DG facility will generate power at the nominal voltage of the Cooperative's system at the Member's delivery point as defined by ANSI Standard C84.1 Voltage Range A.

b) Member's DG installation will generate power at a frequency within the tolerances as defined by IEEE 1547.

c) Member's DG facility shall produce power at a minimum power factor of at least 95% or shall use power factor correction capacitors to ensure at least a 95% power factor.

d) Member's DG facility shall be in accordance with the power quality limits specified in IEEE 519.

e) The overall quality of the power provided by the Member's DG facility including, but not limited to, the effects of harmonic distortion, voltage regulation, voltage flicker, switching surges and power factor, will be such that the Cooperative system is not adversely affected in any manner.

f) In the event that adverse effects are caused in whole or in part by the Member's DG facility, the Member will correct the cause of such effects within 30 days of the initial adverse effect and, if

applicable, reimburse the Cooperative for required correction. However, the disconnection of the facilities by the Cooperative is permitted if, in the sole judgment of the Cooperative, adverse affects may warrant immediate disconnection from the Cooperative's system per Section VII.4.

#### 4) Safety Disconnect

a) The Member shall install a load break disconnect switch at the Member's expense and to the Cooperative's specifications.

b) The switch will be located so as to be readily accessible to Cooperative personnel in a location acceptable to both the Member and Cooperative.

c) The switch shall be a type that will provide a visible air gap when in the open position and can be secured in an open position by a lock owned by the Cooperative. If the Cooperative has locked the disconnect switch open, the Member shall not operate or close the disconnect switch.

d) The Cooperative shall have the right to lock the switch open when, in the sole judgment of the Cooperative:

- (1) It is necessary to maintain safe electrical operating and/or maintenance conditions,
- (2) The Member's DG adversely affects the Cooperative system, or
- (3) There is a system emergency or other abnormal operating condition warranting disconnection.

e) The Cooperative reserves the right to operate the disconnect switch for the protection of the Cooperative system even if it affects the Member's DG facility. In the event the Cooperative opens and/or closes the disconnect switch:

- (1) The Cooperative shall not be responsible for energization or restoration of parallel operation of the DG facility.
- (2) The Cooperative will make reasonable efforts to notify the Member.

f) The Member will not bypass the disconnect switch at any time for any reason.

g) Signage shall be placed by the Cooperative at the Member's expense and located at the disconnect indicating the purpose of the switch along with contact names and numbers of both the Member and the Cooperative.

h) Members with DG facilities as defined in this DG Manual which are solely for the purpose of emergency backup without intent to export power shall not operate their DG facilities at any time unless visibly disconnected from the Cooperative system. The Member shall install at his/her own expense an interlocking switch for the purpose of ensuring the Member's facilities do not operate in parallel with the Cooperative's facilities.

i) Should the Cooperative lose power serving the Member's DG facilities for any reason, Members with DG facilities shall not operate their DG facilities unless visibly disconnected from the Cooperative system.

## 5) Access

a) Persons authorized by the Cooperative will have the right to enter the Member's property for purposes of testing, operating the disconnect switch, reading or testing the metering equipment, maintaining right-of-way or other DG facility equipment and/or Cooperative service requirement. Such entry onto the Member's property may be without notice.

b) If the Member erects or maintains locked gates or other barriers, the Member will furnish the Cooperative with convenient means to circumvent the barrier for immediate full access for the above-mentioned reasons.

## 6) Liability for Injury and Damages

a) The Member assumes full responsibility for electric energy furnished by the Member and shall indemnify the Cooperative and/or its Power and/or Transmission Supplier against and hold the Cooperative and/or its Power and/or Transmission Supplier harmless from all claims for both injuries to persons, including death, and damages to property resulting therefrom.

b) The Cooperative and/or its Power and/or Transmission Supplier shall not be liable for either direct or consequential damages resulting from failures, interruptions, or voltage and waveform fluctuations occasioned by causes reasonably beyond the control of the Cooperative and/or its Power and/or Transmission Supplier including, but not limited to, acts of God or public enemy, acts of terrorism, sabotage and/or vandalism, accidents, fire, explosion, labor troubles, strikes, order of any court or judge granted in any bona fide adverse legal proceeding or action, or any order of any commission, tribunal or governmental authority having jurisdiction. ALL PROVISIONS NOTWITHSTANDING, IN NO EVENT SHALL THE COOPERATIVE BE LIABLE TO THE MEMBER FOR ANY INTEREST, LOSS OF ANTICIPATED REVENUE, EARNINGS, PROFITS, OR INCREASED EXPENSE OF OPERATIONS, LOSS BY REASON OF SHUTDOWN OR NON-OPERATION OF MEMBER'S PREMISES OR FACILITIES, OR FOR ANY INDIRECT, INCIDENTAL, OR CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF OR RELATED, IN WHOLE OR PART, TO THIS AGREEMENT. THE COOPERATIVE SHALL NOT BE LIABLE IN ANY EVENT FOR CONSEQUENTIAL DAMAGES.

c) The Member is solely responsible for ensuring that the Member's facility complies with all applicable regulations including, but not limited to, laws, regulations, ordinances, Cooperative and Cooperative Power and/or Transmission Supplier tariffs, policies and directives.

## 7) Metering/Monitoring

a) The Cooperative shall specify, install and own all metering equipment.

b) Facilities  $\leq 10$  kW (residential) and  $\leq 100$  kW (commercial)

The facility will be metered by one of the following methods, at the sole discretion of the Cooperative.

(1) Installing two meters, each measuring the flow of energy in a single direction, one located to measure the flow of energy provided by the Cooperative less any energy used provided by the

DG and one located to register the flow of energy provided by the DG to the Cooperative in excess of energy provided by the DG and used on site.

(2) Installing an electronic meter with two register capable of registering energy flow as described in 7)b)1).

c) Facilities >10 kW (residential) and >100 kW (commercial)

(1) Power transfer at the point of interconnection will be measured by metering equipment as installed and specified at the sole discretion of the Cooperative.

(2) There shall be no net metering.

d) The meter shall be read at a time or times of month determined at the Cooperative's sole discretion for acquiring metering data. The Member shall provide the Cooperative an approved communications link at the Member's cost for this purpose if so requested by the Cooperative. The type of communications link and metering equipment measuring purchase of power by the Cooperative shall be installed and specified at the sole discretion of the Cooperative.

e) The Cooperative may, at its sole discretion, require the Member to pay the Cooperative in advance for metering and monitoring equipment and installation expense.

f) Meter testing shall follow the Cooperative's standard policy on metering, testing and accuracy.

g) At its sole discretion, the Cooperative may meter the facility at primary or secondary level.

#### 8) Notice of Change in Installation

a) The Member will notify the Cooperative in writing thirty (30) days in advance of making any change affecting the characteristics, performance, or protection of the DG facility.

b) If any modification undertaken by the Member will create or has created conditions which may be unsafe or adversely affect the Cooperative system, the Member shall immediately correct such conditions or be subject to immediate disconnection from the Cooperative system.

c) Any change in the operating characteristics of the DG facility including, but not limited to, size of generator, total facility capacity, nature of facility, fuel source, site change, hours of operation, or type used, may, at the sole discretion of the Cooperative, require a new application process, including, but not limited to, application form, application fee, DG plan and DG plan review by the Cooperative.

#### 9) Testing and Record Keeping

a) The Member will test all aspects of the protection systems up to and including tripping of the generator and interconnection point at start-up and thereafter as required. Testing will verify all protective set points and relay/breaker trip timing and shall include procedures to functionally test all protective elements of the system. The Cooperative may witness the testing.

b) The Member will maintain records of all maintenance activities, which the Cooperative may review at reasonable times.

c) For systems greater than 500 kW, a log of generator operations shall be kept. At a minimum, the log shall include the date, generator time on, generator time off, and megawatt and megavar output. The Cooperative may review such logs at reasonable times.

#### 10) Disconnection of Service

The Cooperative may, at its sole discretion, discontinue the interconnection of DG installations due to reasons such as safety concerns, reliability issues, power quality issues, breach of interconnection contract or any other issue, which the Cooperative considers to be a reasonable basis for such action.

#### 11) Compliance with Laws, Rules and Tariffs

The DG installation owned and installed by the Member shall be installed and operated by Member subject to and in accordance with the terms and conditions set forth in the Cooperative's rules, regulations, bylaws, rates and tariffs, as amended from time to time, and, if applicable, approved by the Cooperative's board of directors, which are incorporated herein by reference, and in compliance with all applicable federal, state and local laws, regulations, zoning codes, building codes, safety rules, environmental restrictions, ordinances and regulations, including without limitation and in accordance with industry standard prudent engineering practices.



**COOPERATIVE AGREEMENT FOR INTERCONNECTION AND PARALLEL OPERATION OF  
DISTRIBUTED GENERATION ("Interconnection Agreement")**

**SHORT FORM CONTRACT**

This Interconnection Agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, ("Effective Date") by Southern Rivers Energy, an EMC, ("Cooperative"), a corporation organized under the laws of Georgia, and \_\_\_\_\_ ("DG Owner/Operator"), each hereinafter sometimes referred to individually as "Party" or both referred to collectively as the "Parties". In consideration of the mutual covenants set forth herein, the Parties agree as follows:

The provisions of the Cooperative's Distributed Generation Procedures and Guidelines Manual for Members ("DG Manual") shall be considered to be a part of this contract.

This agreement provides for the safe and orderly operation of the DG Owner/Operator's electrical facilities and the interconnection of the DG Owner/Operator's facility(ies) (collectively "Facility")at:

\_\_\_\_\_ and the  
\_\_\_\_\_ electrical distribution system ("System") owned by the Cooperative.

This Agreement does not supersede any requirements of any applicable tariffs in place between the DG Owner/Operator and the Cooperative.

1. **Intent of Parties:** It is the intent of the DG Owner/Operator to interconnect an electric power generator to the Cooperative's electrical distribution system.

It is the intent of the Cooperative to operate the distribution system to maintain a high level of service to its customers and to maintain a high level of power quality.

It is the intent of both parties to operate in a way that helps ensure the safety of the public and respective employees.

2. **Establishment of Point of Interconnection** - The point where the electric energy first leaves the wires or facilities of the system owned by the Cooperative and enters the wires or facilities of the Facility provided by DG Owner/Operator is the "Point of Interconnection." Cooperative and DG Owner/Operator agree to interconnect the Facilities at the Point of Interconnection in accordance with the Cooperative's Rules and Regulations and DG Manual relating to interconnection of Distributed Generation (the "Rules") and as described in the attached Exhibit A.

3. **Operating Authority:** The DG Owner/Operator is responsible for establishing operating procedures and standards within their organization. The operating authority for the DG

Owner/Operator and its operating authority shall ensure that the Operator in Charge of the generator constituting a part of the Facility is competent in the operation of the electrical generation system and is aware of the provisions of any operating agreements and regulations relating to the safe operation of electrical power systems.

The operating authority for the DG Owner/Operator is:

Name or title of operating authority \_\_\_\_\_

Address \_\_\_\_\_

Phone number \_\_\_\_\_

4. **Operator in Charge:** The Operator in Charge is the person identified by name or job title responsible for the real time operation of the Facility owned or leased by the DG Owner/Operator.

The Operator in Charge for the DG Owner/Operator is:

Name or title of operating authority \_\_\_\_\_

Address \_\_\_\_\_

Phone number \_\_\_\_\_

5. **Limitation of Liability and Indemnification:**

- a. Notwithstanding any other provision in this Agreement, with respect to the Cooperative's provision of electric service to DG Owner/Operator and the services provided by the Cooperative pursuant to this Agreement, Cooperative's liability to DG Owner/Operator shall be limited as set forth in the Cooperative's tariffs and terms and conditions for electric service, which are incorporated herein by reference.
- b. Neither Cooperative nor DG Owner/Operator shall be liable to the other for damages resulting from a Force Majeure event as hereinafter defined.
- c. Notwithstanding Paragraph 5.b of this Agreement, the DG Owner/Operator shall assume all liability for, and shall indemnify and hold harmless Cooperative for, any claims, losses, damages, liabilities, costs, and expenses of any kind or character to the extent that they result from DG Owner/Operator's negligence or other wrongful conduct (including the negligence or wrongful conduct of DG Owner/Operator's operators and their agents, employees, or contractors) in connection with the design, construction or operation of the Facilities. Such indemnity shall include, but is not limited to, financial responsibility for (a) monetary losses; (b) reasonable costs and expenses of defending an action or claim; (c) damages related to death or injury; (d) damages to property; and (e) damages for the disruption of business.

- d. Cooperative and DG Owner/Operator shall each be responsible for the safe installation, maintenance, repair and condition of their respective lines, wires, switches, or other equipment or property on their respective sides of the Point of Interconnection. The Cooperative, while retaining the right to inspect, does not assume any duty of inspecting the DG Owner/Operator's lines, wires, switches, or other equipment or property and will not be responsible therefore. DG Owner/Operator assumes all responsibility for the electric service supplied hereunder and the facilities used in connection therewith.
  - e. For the mutual protection of the DG Owner/Operator and the Cooperative, only with the Cooperative's prior written authorization are the connections between the Cooperative's service wires and the DG Owner/Operator's service entrance conductors to be energized.
  - f. The provisions of this Section 5 shall survive any termination of this Agreement.
6. **Metering:** Metering shall be accomplished as described in the Cooperative's DG Manual.
7. **Responsibilities of Cooperative and DG Owner/Operator for Installation, Operation and Maintenance of Facilities** - DG Owner/Operator will, at its own cost and expense, operate, maintain, repair, and inspect, and shall be fully responsible for, its Facilities, unless otherwise specified on Exhibit A. DG Owner/Operator shall conduct operations of its Facilities in compliance with all aspects of the Rules, and Cooperative shall conduct operations of its electric distribution facilities in compliance with all aspects of the Rules, or as further described and mutually agreed to in the attached Exhibit A. Maintenance of Facilities shall be performed in accordance with the applicable manufacturers' recommended maintenance schedule. The DG Owner/Operator agrees to ensure its Facilities are constructed, operated and maintained in accordance with specifications equal to or better than those provided by the National Electrical Safety Code and the National Electrical Code and all other applicable codes and regulations and future modifications thereof.
8. **Design Reviews and Inspections** - The DG Owner/Operator shall provide to the Cooperative the following documentation and inspection results:
- a. One-Line Diagram. The diagram shall include at a minimum, all major electrical equipment that is pertinent to understanding the normal and contingency operations of the DG Facilities.
  - b. Testing Records. Testing of Facilities shall include manufacturer recommended testing including Cooperative verified operation of all interconnection relays and connect/disconnect devices at the start of commercial operation and periodic manufacturer recommended testing thereafter at least on an annual basis, also to be verified with the Cooperative if deemed necessary by the Cooperative. Records documenting testing and results shall be kept for two years following the testing and shall be provided to the Cooperative upon request
9. **Insurance:** Insurance shall be required as described in the Cooperative's DG Manual.

10. **Suspension of Interconnection:** It is intended that the interconnection should not compromise the Cooperative's protection or operational requirements. The operation of the DG Owner/Operator's Facility and the quality of electric energy supplied by the DG Owner/Operator shall meet the standards as specified by the Cooperative. If the operation of the DG Owner/Operator's Facility or quality of electric energy supplied (in the case of power export) does not meet the standards as specified, then the DG Owner/Operator shall take reasonable and expedient corrective action, including any such corrective action as requested by the Cooperative. The Cooperative shall have the right to disconnect the DG Owner/Operator's Facility, until compliance is reasonably demonstrated. Notwithstanding, the Cooperative may in its sole discretion disconnect the DG Owner/Operator's Facility from the distribution system without notice if the operating of the Generating Plant may be or may become dangerous to life and property.
11. **Compliance with Laws, Rules and Tariffs:** Both the Cooperative and the DG Owner/Operator shall be responsible for complying with all applicable laws, rules and regulations, including but not limited to the laws of the state of Georgia, and the Cooperative's DG Manual, Tariffs, Rules and Regulations, By-Laws and other governing documents. The interconnection and services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the tariff schedules and rules of the Cooperative as applicable to the electric service provided by the Cooperative, which tariffs and rules are hereby incorporated into this Agreement by this reference. The Cooperative shall have the right to publish changes in rates, classification, service or rule, with the proper notification to all DG owners/operators and Cooperative members.
12. **Maintenance Outages:** Maintenance outages will occasionally be required on the Cooperative's system, and the Cooperative will provide reasonable notice and planning as practicable to minimize downtime. It is noted that in some emergency cases such notice may not be reasonably possible. Compensation will not be made for unavailability of Cooperative's system due to outages.
13. **Access:** Access is granted as may be required by the Cooperative to the DG Owner/Operator's Facility for maintenance, operating and meter reading. The Cooperative reserves the right, but not the obligation, to inspect the DG Owner/Operator's Facility.
14. **Force Majeure:** For the purposes of this Agreement, a Force Majeure event is any event:
  - (a) that is beyond the reasonable control of the affected party; and
  - (b) that the affected Party is unable to prevent or provide against by exercising reasonable diligence, including the following events or circumstances, but only to the extent that they satisfy the preceding requirements: acts of war, acts of terrorism, public disorder, rebellion or insurrection; floods, hurricanes, earthquakes, lightning, storms or other natural calamities; explosions or fires; strikes, work stoppages or labor disputes; embargoes; and sabotage. If a Force Majeure event prevents a Party from fulfilling any obligations under this agreement, such Party will promptly notify the other Party in writing and will keep the other Party informed on a continuing basis as to the scope and duration of the Force Majeure event. The affected Party will specify the circumstances

of the Force Majeure event, its expected duration and the steps that the affected Party is taking to mitigate the effect of the event on its performance. The affected Party will be entitled to suspend or modify its performance of obligations under this Agreement if a Force Majeure event prevents a Party from fulfilling such performance of obligations but will use reasonable efforts to resume its performance as soon as possible.

15. **Assignment** - At any time during the term of this Agreement, the DG Owner/Operator may assign this Agreement to a corporation, an entity with limited liability or an individual (the "Assignee"), provided that the DG Owner/Operator obtains the prior written consent of the Cooperative in advance of the assignment. The Cooperative's consent will be at the Cooperative's discretion based on whether or not the Cooperative determines that the Assignee is financially and technically capable to assume ownership and/or operation of the DG unit. The company or individual to which this Agreement is assigned in accordance with the terms and conditions of this Agreement will be responsible for the proper operation and maintenance of the DG Facilities, and will be a party to all provisions of this Agreement.
16. **Term:** The term of this Agreement is a period of two (2) years from the Effective Date ("Initial Term"). This Agreement shall automatically renew in (1) year increments after the Initial Term unless terminated sooner. This Agreement may be canceled by either party with 30 days prior written notice to the other party during the Initial Term or any renewal period.

AGREED TO BY

DG Owner/Operator

Southern Rivers Energy, Inc.,  
an Electric Membership Corporation

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Date Signed

**COOPERATIVE AGREEMENT FOR INTERCONNECTION AND PARALLEL OPERATION OF  
DISTRIBUTED GENERATION ("Interconnection Agreement")**

***LONG FORM CONTRACT***

This Interconnection Agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, ("Effective Date") by Southern Rivers Energy, an EMC, ("Cooperative"), a corporation organized under the laws of Georgia, and \_\_\_\_\_ ("DG Owner/Operator"), each hereinafter sometimes referred to individually as "Party" or both referred to collectively as the "Parties." In consideration of the mutual covenants set forth herein, the Parties agree as follows:

1. **Scope of Agreement** -- This Agreement is applicable to conditions under which the Cooperative and the DG Owner/Operator agree that one or more generating facilities (described in Exhibit A) owned by the DG Owner/Operator of \_\_\_\_\_ kW or less, to be interconnected at \_\_\_\_\_ kV or less ("Facilities") may be interconnected to the Cooperative's electric power distribution system ("System").

The provisions of the Cooperative's Distributed Generation Procedures and Guidelines Manual for Members ("DG Manual") shall be considered to be a part of this contract.

2. **Establishment of Point of Interconnection** - The point where the electric energy first leaves the wires or facilities of the system owned by the Cooperative and enters the wires of the Facility owned or leased by the DG Owner/Operator is the "Point of Interconnection." Cooperative and DG Owner/Operator agree to interconnect the Facilities at the Point of Interconnection in accordance with the Cooperative's Rules and Regulations and DG Manual relating to interconnection of Distributed Generation (the "Rules") and as described in the attached Exhibit A.
3. **Responsibilities of Cooperative and DG Owner/Operator for Installation, Operation and Maintenance of Facilities** - DG Owner/Operator will, at its own cost and expense, operate, maintain, repair, and inspect, and shall be fully responsible for, its Facilities, unless otherwise specified on Exhibit A. DG Owner/Operator shall conduct operations of its Facilities in compliance with all aspects of the Rules, and Cooperative shall conduct operations of its electric distribution facilities in compliance with all aspects of the Rules, or as further described and mutually agreed to in the attached Exhibit A. Maintenance of Facilities shall be performed in accordance with the applicable manufacturers' recommended maintenance schedule. The DG Owner/Operator agrees to ensure its Facilities are constructed, operated and maintained in accordance with specifications equal to or better than those provided by the National Electrical Safety Code and the National Electrical Code and all other applicable codes and regulations and future modifications thereof.

The DG Owner/Operator covenants and agrees to design, install, maintain, and operate its Facilities so as to reasonably minimize the likelihood of a malfunction or other disturbance, damaging or otherwise affecting or impairing the System. DG Owner/Operator shall comply

with all applicable laws, regulations, zoning codes, building codes, safety rules and environmental restrictions now or hereafter applicable to the design, installation and operation of its Facilities.

Cooperative will notify DG Owner/Operator if the Cooperative has reason to believe that the Facilities' operation causes disruption or deterioration of service to other customer(s) served from the System or if the Facilities' operation causes damage to the System. DG Owner/Operator will notify the Cooperative of any emergency or hazardous condition or occurrence with respect to the DG Owner/Operator's Facilities, which could affect safe operation of the System.

4. **Operator in Charge** - The DG Owner/Operator shall identify an individual (by name or title) who will perform as "Operator in Charge" of the Facilities. This individual must be familiar with this Agreement as well as provisions of other agreements and any regulations that may apply.

#### 5. **Limitation of Liability and Indemnification**

- a. Notwithstanding any other provision in this Agreement, with respect to the Cooperative's provision of electric service to DG Owner/Operator and the services provided by the Cooperative pursuant to this Agreement, Cooperative's liability to DG Owner/Operator shall be limited as set forth in the Cooperative's tariffs and terms and conditions for electric service, which are incorporated herein by reference.
- b. Neither Cooperative nor DG Owner/Operator shall be liable to the other for damages resulting from a Force Majeure event as hereinafter defined.
- c. Notwithstanding Paragraph 5.b of this Agreement, the DG Owner/Operator shall assume all liability for, and shall indemnify and hold harmless Cooperative for, any claims, losses, damages, liabilities, costs, and expenses of any kind or character to the extent that they result from DG Owner/Operator's negligence or other wrongful conduct (including the negligence or wrongful conduct of DG Owner/Operator's operators, agents, employees, or contractors) in connection with the design, construction or operation of the Facilities. Such indemnity shall include, but is not limited to, financial responsibility for (a) monetary losses; (b) reasonable costs and expenses of defending an action or claim; (c) damages related to death or injury; (d) damages to property; and (e) damages for the disruption of business.
- d. Cooperative and DG Owner/Operator shall each be responsible for the safe installation, maintenance, repair and condition of their respective lines, wires, switches, or other equipment or property on their respective sides of the Point of Interconnection. The Cooperative, while retaining the right to inspect, does not assume any duty of inspecting the DG Owner/Operator's lines, wires, switches, or other equipment or property and will not be responsible therefore. DG Owner/Operator assumes all responsibility for the electric service supplied hereunder and the facilities used in connection therewith.

- e. For the mutual protection of the DG Owner/Operator and the Cooperative, only with the Cooperative's prior written authorization are the connections between the Cooperative's service wires and the DG Owner/Operator's service entrance conductors to be energized.
  - f. The provisions of this Section 5 shall survive any termination of this Agreement.
6. **Design Reviews and Inspections** - The DG Owner/Operator shall provide to the Cooperative the following documentation and inspection results:
- a. One-Line Diagram. The diagram shall include at a minimum, all major electrical equipment that is pertinent to understanding the normal and contingency operations of the DG Facilities, including generators, switches, circuit breakers, fuses, protective relays and instrument transformers.
  - b. Testing Records. Testing of Facilities shall include manufacturer recommended testing including Cooperative verified operation of all interconnection relays and connect/disconnect devices at the start of commercial operation and periodic manufacturer recommended testing thereafter at least on an annual basis, also to be verified with the Cooperative if deemed necessary by the Cooperative. Records documenting testing and results shall be kept for two years following the testing and shall be provided to the Cooperative upon request.
7. **Right of Access, Equipment Installation, Removal & Inspection** - The Cooperative may send an employee, agent or contractor to the premises of the DG Owner/Operator at any time whether before, during or after the time the Facilities first produces energy to inspect the Facilities, and observe the Facility's installation, commissioning (including any testing), startup, and operation.
- At all times Cooperative shall have access to DG Owner/Operator's premises for any purpose considered reasonable by the Cooperative in connection with the interconnection described in this Agreement, the Rules, or to provide service to its customers.
8. **Confidentiality of Information** - Unless compelled to disclose by judicial or administrative process, or by other provisions of law or as otherwise provided for in this Agreement, the DG Owner/Operator and the Cooperative will hold in confidence any and all documents and information furnished by the other party in connection with this Agreement.
9. **Prudent Operation and Maintenance Requirements** - The DG Owner/Operator agrees to construct, operate and maintain its Facilities in accordance with specifications equal to or better than those provided by the National Electrical Safety Code and the National Electrical Code and all other applicable codes and regulations and future modifications thereof.
10. **Disconnection of Unit** - DG Owner/Operator retains the option to disconnect its Facilities from the System, provided that DG Owner/Operator notifies the Cooperative of its intent to disconnect by giving the Cooperative at least thirty (30) days' prior written notice. Such disconnection shall not be a termination of the agreement unless DG Owner/Operator exercises rights under Section 13.



DG Owner/Operator shall disconnect Facilities from the System upon the effective date of any termination under Section 13.

Subject to the Rules, for routine maintenance and repairs on the Cooperative's System that would, in the sole judgment of the Cooperative, affect the operation of the Facility, the Cooperative shall endeavor to provide DG Owner/Operator with seven (7) business days' notice of service interruption.

Cooperative shall have the right to suspend service in cases where continuance of service to DG Owner/Operator will, in the Cooperative's sole judgment, endanger persons or property. The Cooperative shall endeavor to provide the DG Owner/Operator with reasonable prior notice as practicable.

11. **Metering** - Metering shall be accomplished as described in the Cooperative's DG Manual.
12. **Insurance** – Insurance shall be required as described in the Cooperative's DG Manual.
13. **Effective Term and Termination Rights** - This Agreement becomes effective as of the Effective Date and shall continue in effect until terminated. This agreement may be terminated as follows: (a) DG Owner/Operator may terminate this Agreement at any time by giving the Cooperative sixty days prior written notice; (b) Cooperative may terminate upon failure by the DG Owner/Operator to generate energy from the Facilities in parallel within six (6) months after completion of the interconnection; (c) either Party may terminate by giving the other Party at least thirty (30) days prior written notice that the other Party is in default of any of the terms and conditions of the Agreement or the Rules or any rate schedule, tariff, regulation, contract, or policy of the Cooperative, so long as the notice specifies the basis for termination; (d) Cooperative may terminate by giving DG Owner/Operator at least sixty (60) days notice in the event that there is a material change in an applicable law, or any requirement of the Cooperative's wholesale electric suppliers or any transmission utility, independent system operator or regional transmission organization having responsibility for the operation of any part of the System.
14. **Dispute Resolution** - If a dispute arises under this Agreement venue shall be exclusively in Lamar County, Georgia.
15. **Compliance with Laws, Rules and Tariffs** - Both the Cooperative and the DG Owner/Operator shall be responsible for complying with all applicable laws, rules and regulations, including but not limited to the laws of the state of Georgia, and the Cooperative's DG Manual, Tariffs, Rules and Regulations, By-Laws and other governing documents. The interconnection and services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the tariff schedules and rules of the Cooperative as applicable to the electric service provided by the Cooperative, which tariffs and rules are hereby incorporated into this Agreement by this reference, and in the event of a conflict between this Agreement and the applicable terms and conditions set forth in the tariff schedules and rules of the Cooperative, such tariff schedules and rules shall apply. The Cooperative shall have the right to publish changes in rates, classification, service or rule, with the proper notification to all DG owners/operators and Cooperative members.

16. **Severability** -If any portion or provision of this Agreement is held or adjudged for any reason to be invalid or illegal or unenforceable by any court of competent jurisdiction, such portion shall be deemed separate and independent, and the remainder of this Agreement shall remain in full force and effect.
17. **Amendment** - This Agreement may be amended only upon mutual agreement of the Parties, which amendment will not be effective until reduced to writing and executed by the Parties.
18. **Entirety of Agreement and Prior Agreements Superseded** - This Agreement, including the Rules and all attached Exhibits and Facilities Schedules, which are expressly made a part hereof for all purposes, constitutes the entire agreement and understanding between the Parties with regard to the interconnection of the facilities of the Parties at the Points of Interconnection expressly provided for in this Agreement. The Parties are not bound by or liable for any statement, representation, promise, inducement, understanding, or undertaking of any kind or nature (whether written or oral) with regard to the subject matter hereof not set forth or provided for herein or in documents incorporated herein by reference, or in the DG Owner/Operator application, or other written information provided by the DG Owner/Operator in compliance with the Rules. It is expressly acknowledged that the Parties may have other agreements covering other services not expressly provided for herein, which agreements are unaffected by this Agreement.
19. **Force Majeure** -For the purposes of this Agreement, a Force Majeure event is any event:
- (a) that is beyond the reasonable control of the affected Party; and
  - (b) that the affected Party is unable to prevent or provide against by exercising reasonable diligence, including the following events or circumstances, but only to the extent that they satisfy the preceding requirements: acts of war, acts of terrorism, public disorder, rebellion or insurrection; floods, hurricanes, earthquakes, lightning, storms or other natural calamities; explosions or fires; strikes, work stoppages or labor disputes; embargoes; and sabotage. If a Force Majeure event prevents a Party from fulfilling any obligations under this agreement, such Party will promptly notify the other Party in writing and will keep the other Party informed on a continuing basis as to the scope and duration of the Force Majeure event. The affected Party will specify the circumstances of the Force Majeure event, its expected duration and the steps that the affected Party is taking to mitigate the effect of the event on its performance. The affected Party will be entitled to suspend or modify its performance of obligations under this Agreement if a Force Majeure event prevents a Party from fulfilling such performance of obligations but will use reasonable efforts to resume its performance as soon as possible.
20. **Assignment** - At any time during the term of this Agreement, the DG Owner/Operator may assign this Agreement to a corporation, an entity with limited liability or an individual (the "Assignee"), provided that the DG Owner/Operator obtains the prior written consent of the Cooperative in advance of the assignment. The Cooperative's consent will be at the Cooperative's discretion based on whether or not the Cooperative determines that the Assignee is financially and technically capable to assume ownership and/or operation of the DG unit. The company or individual to which this Agreement is assigned in accordance with

the terms and conditions of this Agreement will be responsible for the proper operation and maintenance of the DG Facilities, and will be a Party to all provisions of this Agreement.

21. **Permits, Fees and Approvals** - The Cooperative will have responsibility for the review, approval or rejection of the DG interconnection application. The approval process is intended to help ensure that the implementation of the applicant's DG project will not adversely affect the safe and reliable operation of the Cooperative's System, but any adverse affect shall be the sole responsibility of the DG Owner/Operator. The fees associated with the Application are listed in the most current fee schedule issued by the Cooperative. All fees are to be submitted in the form of a Bank Cashier's check along with the Application, unless other payment terms have been approved in advance by the Cooperative.
22. **Notices** - Notices given under this Agreement are deemed to have been duly delivered if hand delivered or sent by United States certified mail, return receipt requested, postage prepaid, to:

(a) If to Cooperative:

Chief Operating Officer  
Southern Rivers Energy  
P.O. Box 40  
Barnesville, GA 30204

(b) If to DG Owner/Operator:

The above-listed names, titles, and addresses of either Party may be changed by written notification to the other, notwithstanding Section 17.

23. **Invoicing and Payment** - Invoicing and payment terms for services associated with this Agreement shall be consistent with applicable Rules of the Cooperative.
24. **Limitations (No Third-Party Beneficiaries, Waiver, etc.)** - This Agreement is not intended to, and does not create, rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties and/or the Cooperative's Power and/or Transmission Supplier, and the obligations herein assumed are solely for the use and benefit of the Parties and/or the Cooperative's Power and/or Transmission Supplier. This Agreement may not be assigned by the DG Owner/Operator without the prior written consent of the Cooperative as specified in Section 20. The failure of a Party to this Agreement to insist, on any occasion, upon strict performance of any provision of this Agreement will not be considered to waive the obligations, rights, or duties

imposed upon the Parties.

25. **Headings** - The descriptive headings of the various articles and sections of this Agreement have been inserted for convenience of reference only and are to be afforded no significance in the interpretation or construction of this Agreement.

26. **Multiple Counterparts** - This Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument.

**IN WITNESS WHEREOF**, the Parties have caused this Agreement to be signed by their respective duly authorized representatives.

SOUTHERN RIVERS ENERGY, INC.

AN ELECTRIC MEMBERSHIP CORPORATION

[DG OWNER/OPERATOR NAME]

BY: \_\_\_\_\_ BY: \_\_\_\_\_

NAME: \_\_\_\_\_ NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_ TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_ DATE: \_\_\_\_\_

## EXHIBIT A

### DESCRIPTION OF FACILITIES

*DG Owner/Operator will, at its own cost and expense, operate, maintain, repair, and inspect, and shall be fully responsible for its Facilities, unless otherwise specified on Exhibit A.*

### FACILITIES SCHEDULE

[The following information is to be specified for each Point of Interconnection, if applicable]

1. Name:
2. Facilities location:
3. Delivery voltage:
4. Metering (voltage, location, losses adjustment due to metering location, and other:
5. Normal Operation of Interconnection:
6. One line diagram attached (check one) :/ \_\_\_\_\_ Yes / \_\_\_\_\_ No
7. Facilities to be furnished by Cooperative:
8. Facilities to be furnished by DG Owner/Operator:
9. Cost Responsibility:
10. Control area interchange point (check one): / \_\_\_\_\_ Yes / \_\_\_\_\_ No
11. Supplemental terms and conditions attached (check one): / \_\_\_\_\_ Yes / \_\_\_\_\_ No
12. Cooperative rules for DG interconnection attached (check one): / \_\_\_\_\_ Yes / \_\_\_\_\_ No

**EXHIBIT B**

**Southern Rivers Energy**  
Application for Operation of Customer-Owned Generation

**This application should be completed as soon as possible and returned to the Cooperative Representative in order to begin processing the request. See *Distributed Generation Procedures and Guidelines Manual for Members* for additional information.**

*INFORMATION: This application is used by the Cooperative to determine the required equipment configuration for the Applicant interface. Every effort should be made to supply as much information as possible.*

**PART 1  
OWNER/APPLICANT INFORMATION**

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Representative: \_\_\_\_\_

**PROJECT DESIGN/ENGINEERING (as applicable)**

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Representative: \_\_\_\_\_

**ELECTRICAL CONTRACTOR (as applicable)**

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Representative: \_\_\_\_\_

**TYPE OF GENERATOR** (as applicable)

Photovoltaic \_\_\_\_\_ Wind \_\_\_\_\_ Microturbine \_\_\_\_\_  
Diesel Engine \_\_\_\_\_ Gas Engine \_\_\_\_\_ Turbine Other \_\_\_\_\_

**ESTIMATED LOAD INFORMATION**

The following information will be used to help properly design the Cooperative customer interconnection. This information is not intended as a commitment or contract for billing purposes.

Total Site Load \_\_\_\_\_(kW) Total DG Output \_\_\_\_\_(kW)

**Mode of Operation (check all that apply)**

Isolated \_\_\_\_\_ Paralleling \_\_\_\_\_ Power Export \_\_\_\_\_

**DESCRIPTION OF PROPOSED INSTALLATION AND OPERATION**

Give a general description of the proposed installation, including when you plan to operate the generator.

**PART 2**

(Complete all applicable items. Copy this page as required for additional generators.)

**SYNCHRONOUS GENERATOR DATA**

Unit Number: \_\_\_\_\_ Total number of units with listed specifications on site: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_  
Type: \_\_\_\_\_ Date of manufacture: \_\_\_\_\_  
Serial Number (each): \_\_\_\_\_  
Phases: Single \_\_\_ Three \_\_\_ R.P.M.: \_\_\_\_\_ Frequency (Hz): \_\_\_\_\_  
Rated Output (for one unit): \_\_\_\_\_ Kilowatt \_\_\_\_\_ Kilovolt-Amperes \_\_\_\_\_  
Rated Power Factor (%): \_\_\_\_\_ Rated Voltage (Volts) \_\_\_\_\_ Rated Amperes: \_\_\_\_\_  
Field Volts: \_\_\_\_\_ Field Amps: \_\_\_\_\_ Motoring Power (kW): \_\_\_\_\_  
Synchronous Reactance (X'd): \_\_\_\_\_ % on \_\_\_\_\_ KVA base  
Transient Reactance (X'd): \_\_\_\_\_ % on \_\_\_\_\_ KVA base  
Subtransient Reactance (X'd): \_\_\_\_\_ % on \_\_\_\_\_ KVA base  
Negative Sequence Reactance (Xs): \_\_\_\_\_ % on \_\_\_\_\_ KVA base  
Zero Sequence Reactance (Xo): \_\_\_\_\_ % on \_\_\_\_\_ KVA base  
Neutral Grounding Resistor (if applicable): \_\_\_\_\_  
 $I_2^2 t$  of K (heating time constant): \_\_\_\_\_  
Additional Information: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**INDUCTION GENERATOR DATA**

Rotor Resistance (Rr): \_\_\_\_\_ ohms Stator Resistance (Rs): \_\_\_\_\_ ohms  
Rotor Reactance (Xr): \_\_\_\_\_ ohms Stator Reactance (Xs): \_\_\_\_\_ ohms  
Magnetizing Reactance (Xm): \_\_\_\_\_ ohms Short Circuit Reactance (Xd''): \_\_\_\_\_ ohms  
Design letter: \_\_\_\_\_ Frame Size: \_\_\_\_\_  
Exciting Current: \_\_\_\_\_ Temp Rise (deg C°): \_\_\_\_\_  
Reactive PRequired: \_\_\_\_\_ Vars (no load), Vars \_\_\_\_\_ (full load)  
Additional Information: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PRIME MOVER** (Complete all applicable items)

Unit Number: \_\_\_\_\_ Type: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_  
Serial Number: \_\_\_\_\_ Date of manufacturer: \_\_\_\_\_  
H.P. Rates: \_\_\_\_\_ H.P. Max.: \_\_\_\_\_ Inertia Constant: \_\_\_\_\_ lb.-ft<sup>2</sup>  
Energy Source (hydro, steam, wind, etc.) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GENERATOR TRANSFORMER** (Complete all applicable items)

TRANSFORMER (between generator and utility system)

Generator unit number: \_\_\_\_\_ Date of manufacturer: \_\_\_\_\_

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

Serial Number: \_\_\_\_\_

High Voltage: \_\_\_\_\_ KV, Connection: delta wye, Neutral solidly grounded? \_\_\_\_\_

Low Voltage: \_\_\_\_\_ KV, Connection: delta wye, Neutral solidly grounded? \_\_\_\_\_

Transformer Impedance (Z): \_\_\_\_\_ % on \_\_\_\_\_ KVA base

Transformer Resistance (R): \_\_\_\_\_ % on \_\_\_\_\_ KVA base

Transformer Reactance (X): \_\_\_\_\_ % on \_\_\_\_\_ KVA base

Neutral Grounding Resistor (if applicable): \_\_\_\_\_

**INVERTER DATA** (if applicable)

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

Rate Power Factor (%): \_\_\_\_\_ Rated Voltage (Volts): \_\_\_\_\_ Rated Amperes: \_\_\_\_\_

Inverter Type (ferro resonant, step, pulse-width modulation, etc.): \_\_\_\_\_

Type commutation: forced line

Harmonic Distortion: Maximum Single Harmonic (%) \_\_\_\_\_

Maximum Total Harmonic (%) \_\_\_\_\_

Note: Attach all available calculations, test reports, and oscillographic prints showing inverter output voltage and current waveforms.

**POWER CIRCUIT BREAKER** (if applicable)

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

Rated Voltage (*kilovolts*): \_\_\_\_\_ Rated ampacity (*Amperes*) \_\_\_\_\_

*Interrupting rating (Amperes)*: \_\_\_\_\_ BIL Rating \_\_\_\_\_

Interrupting medium / insulating medium (ex. Vacuum, gas, oil) \_\_\_\_\_/\_\_\_\_\_

Control Voltage (Closing): \_\_\_\_\_ (Volts) AC DC

Control Voltage (Tripping): \_\_\_\_\_ (Volts) AC DC Battery Charged Capacitor

Close energy: Spring Motor Hydraulic Pneumatic Other: \_\_\_\_\_

Trip energy: Spring Motor Hydraulic Pneumatic Other: \_\_\_\_\_

Bushing Current Transformers: \_\_\_\_\_ (Max. ratio) Relay Accuracy Class: \_\_\_\_\_

Multi Ratio? No Yes: (available taps) \_\_\_\_\_

**ADDITIONAL INFORMATION**

*In addition to the items listed above, please attach a detailed one-line diagram of the proposed facility, all applicable elementary diagrams, major equipment (generators, transformers, inverters, circuit breakers, protective relays, etc.), specifications, test reports, etc., and any other applicable drawings or documents necessary for the proper design of the interconnection.*

## ONE LINE DIAGRAM

**SIGN OFF AREA**

The applicant agrees to provide the Cooperative with any additional information requested by the Cooperative to assist in the review of this Application required to complete the interconnection. The applicant shall operate his equipment within the guidelines set forth by the Cooperative.

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Applicant Date

**SOUTHERN RIVERS ENERGY CONTACT FOR APPLICATION SUBMISSION AND FOR MORE INFORMATION:**

Cooperative contact:  
Chief Operating Officer  
Southern Rivers Energy  
Address: P.O. Box 40  
Barnesville, GA 30204  
Phone: 877-358-1383  
Fax: 770-358-6078

Web site: [www.southernriversenergy.com](http://www.southernriversenergy.com)

## FEE SCHEDULE

Membership Fee	\$5.00
<b>***Deposits can range from \$35 up to \$600 or one month's average bill at the location depending on the rating obtained from a credit check.</b>	<b>Minimum Deposits &amp; Fees</b>
<b>Residence</b>	<b>\$35.00</b>
Farm Buildings with Residence	No Deposit
Farm Buildings with No Residence	\$35.00
Wells with Residence	No Deposit
Wells with no Residence	\$35.00
Churches & Public Buildings	\$35.00
Chicken House (per house)	\$100.00
<b>Commercial</b>	<b>\$35.00</b>
Manual Meter Reading Fee	\$25.00 Per Month
Trouble Call Fee (Consumer Issue)	\$50.00
Temporary Service Fee	\$50.00
Meter Test Fee	\$50.00
Meter Breakage Fee	\$50.00 – PLUS Material Cost
Reconnection Fee	\$50.00
Agreement/Service/Trip Fee	\$50.00
Reconnection Fee at Pole	\$75.00
Connect Fee	\$15.00
After Hours Service Fee (After 2PM)	\$75.00
Dishonored Check Charge	Same as Deposit Bank
Cut Seal Without Prior Approval	\$50.00
Meter Tampering Fee (First Time)	\$225.00 – PLUS Reconnect, Usage, and Material Cost
Meter Tampering Fee (After First Time)	\$450.00 - PLUS Reconnect, Usage, and Material Cost
Additional Pole Solely for Area Lighting	\$250.00

### Occasional Service Reconnection Fees:

A service disconnected and reconnect within a 12-month period will be subject to a Reconnection Fee equal to the current monthly service (customer) charge times the number of months disconnected PLUS the current Reconnection Fee, including any After Hours Service Fees.

**NOTE: A service which remains disconnected over 12 months may be retired along with all associated power lines. The cost to reinstall such service will be the full cost of reinstalling the service and associated power lines.**

**\* ALL RECONNECTIONS MUST BE REQUESTED BEFORE 10:00 P.M. FOR CONNECT TO TAKE PLACE THAT EVENING. \***

BOARD APPROVED 1/28/21