

2018

SERVICE RULES

Scenic Rivers Energy Cooperative

Effective 1/1/2017

Updated 4/10/2018

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

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Chapter 1 ~ General

Purpose of Service Rules

The following information, detailing the rules and regulations of Scenic Rivers Energy Cooperative (SREC) concerning electric service installations, is published for the convenience of SREC's members and their architects and contractors. These rules are in addition to the Wisconsin Administrative Code, the National Electrical Code (NEC), National Electric Safety Code (NESC), and any other regulations that may apply. SREC reserves the right to make revisions to these rules whenever changes in the article, legal requirements, or other circumstances make it advisable. These rules are intended for standard equipment installations. When, because of physical limitations of the premises, it is impractical to follow them, SREC shall be consulted for permissible modifications. The information contained herein does not specifically cover the requirements of SREC's rate schedules, line extension policy, or general rules. All rules, policies, and pricing are subject to change at any time. SREC shall be consulted for information concerning these matters.

SREC may refuse or discontinue service if a member does not comply with these rules; however, the member will first be notified and afforded reasonable opportunity to comply. Service may be discontinued without prior notice when dangerous conditions exist on the member's premises.

Member Wiring-Code Compliance and Inspection

All wiring shall be done in accordance with requirements of the Wisconsin Administrative (electrical) Code, the NEC, the NESC, and SREC's rules and other local requirements which may apply.

As of January 1, 2005 all one and two-family new construction has to be inspected by a state-certified inspector as per Uniform Dwelling Code. For the list of electrical inspector lists by county, see [Appendix 1](#).

- **SREC will not inspect member's wiring or equipment beyond the metering pedestal or cabinet for compliance with the applicable codes.**
- In new wiring installations or when changes in existing wiring are made which require the removal of meters or the disconnection of service, SREC shall not connect or resume service until the contractor or person doing the wiring furnishes SREC with a Wiring Affidavit of Electric Inspection (see [Appendix 2](#)) showing proof of compliance with the Wisconsin Administrative (electrical) Code and the NEC.
- Inactive accounts where the meter and service have been removed shall be treated as a new service when a request for service is received. (See above paragraphs.)
- **SREC will not interpret the electrical code. Questions concerning code interpretations should be referred to the local or state electrical inspector.**
- SREC will inspect for compliance with its rules and may refuse or discontinue electric service if its rules are not complied with or a hazardous condition exists.
- Service may be obtained prior to completion of wiring if the service entrance is completed, it complies with SREC rules, Wiring Statement/Certificate of Electric Inspection showing proof of

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compliance (see [Appendix 2](#)) is completed, and proof of inspection with applicable codes has been received.

- SREC crews setting meters or connecting new services for single-phase one-family dwellings test for infinite resistance at the meter socket load terminals. If this check indicates connected load at the load terminals, the meter will not be set. It is recommended that the service disconnect switch be left open to avoid the indication of connected load at the meter base. *SREC CREWS WILL NOT ENTER A BUILDING TO OPEN OR INSPECT THE SERVICE DISCONNECT SWITCH / BREAKER.*

Service Entrance Equipment

The member shall own, and maintain the service entrance equipment.

It shall be the rules of Scenic Rivers Energy Cooperative that the normal single phase service shall be a minimum of 200 amps at a location and type to be determined by SREC personnel.

- Single-phase services of 200 to 320 amps shall have fuses or breakers installed as part of the service entrance equipment. The minimum breaker ratings shall be 10,000 amps interrupting capacity. Single-phase services of 400 to 800 amps shall have minimum breaker ratings of 22,000 amps interrupting capacity. On all other services, consult SREC for maximum available short circuit current.
- Service metering shall be rated to at least the rating of any disconnects and overcurrent protection
- Insulated neutral conductor of a service entrance shall be identified by a white or gray marking.
- Member owned lightning arresters or other surge protection devices, if used, shall be installed on the load side of the member's service overcurrent protective devices.

Application for Service

Membership Applications can be found on our website (www.sre.coop) or you can call or stop in to one of our three offices in Lancaster, Gays Mills or Darlington. We will be happy to help with the process in any way we can. See also [Chapter 2](#) on Services.

Standard Procedure for Service

- Application for Membership and Electrical Service (see [Appendix 3](#)) completed and returned to SREC.
- Credit check performed by SREC and any required deposit will be added to cost of service.
- New member MUST submit a signed Service Data Form (see [Appendix 4](#)) before final cost can be assessed and paperwork sent to the member.
- SREC will schedule a field meeting with the member requesting service (requires a staking fee).
- SREC will determine the location of all routes and service points.

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- ❑ The approximate cost of the service request will be calculated using the most current line extension pricing. For current pricing, please contact our office or visit our website (www.sre.coop). For basic service information, please see [Appendix 5](#).

- ❑ Easements shall be obtained prior to any work being performed.
 - For overhead lines, the easements need to be 20 feet on each side of the line.
 - For underground lines, the easements need to be 10 feet on each side of the line.

- ❑ All fees and Contribution In Aid of Construction (CIAC) shall be paid prior to any work performed by SREC. All easements, and required locates obtained.

Increased Loads

Members shall notify SREC of any load increase of 10 KW or more.

- Delays, poor service or a burned-out meter or transformer will thus be avoided. This applies to any load additions of 10 KW or more.

Continuity and Quality Service

SREC will use reasonable care to provide regular supply of service; but shall not be liable for any loss, injury, or damage resulting from interruptions, deficiencies or imperfections of service not due to willful default or negligence on its' part.

SREC shall have the right to cause service to any member to be interrupted or limited at any time, without liability, by automatic devices or otherwise, when in the judgment of SREC such interruption or limitation is necessary or desirable due to safety and emergency conditions.

All motors, appliances or equipment connected to SREC's system shall be so designed, installed, and operated as not to cause interference to other Members' service equipment nor to impede SREC in maintaining proper system conditions.

It shall be the responsibility of the member to provide motor protection for under voltage, overcurrent, short circuit, and loss of a phase.

SREC may also curtail or temporarily interrupt the member's electric service in order to make repairs, replacements or changes to SREC's facilities, either on or off the member's premises. SREC will, whenever practical, give notice to members who might be seriously affected by such suspension or curtailment of service, but shall not be liable for any loss, injury, or damages resulting from interruptions, deficiencies, or imperfections of service not due to willful default or negligence on its' part.

It is intended that the voltage provided to the member comply with the requirements of the Wisconsin Administrative Code. This code allows voltage transients of an infrequent nature, which may adversely affect the operation of certain sensitive equipment. Prevention of undesirable operation of sensitive equipment caused by these transients is the responsibility of the member.

SREC strongly recommends the member install surge-protection devices for any/all sensitive electronic equipment.

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Resale of Energy

Service shall be for the member's use only and may not be sold, re-metered or otherwise disposed of by the member to lessee, tenants or others, except with the consent of SREC in accordance with SREC's appropriate Rate Schedule permitting such use of service. This does not prohibit the installation of test or check meters for informational purposes.

System Disturbance and Motor Starting

The member shall not use Scenic Rivers Energy Cooperative (SREC) service in any way that causes a safety hazard, endangers SREC's facilities or disturbs electric service to other members. If necessary, it is the member's responsibility to modify its use of SREC's electric service to comply with this provision or pay SREC to modify its electric system to accommodate the member's use of the electric service. Failure to comply with this provision may result in discontinuance of the electric service to the member.

The member shall install only such motors, other apparatus or appliances as are suitable for operation with the character of the service supplied by SREC. Electric energy must not be used in such manner to cause detrimental voltage fluctuations or disturbances on or to SREC's electric distribution system. To facilitate this policy, the installation of motors, phase converters and other devices with inrush starting requirements exceeding the following will not be allowed without advance approval.

For motors or other equipment that exceed these limits, it is the member's responsibility to consult with SREC on acceptability of a particular motor at a particular location. SREC will make a determination of acceptability based on motor starting characteristics including anticipated frequency of starting and time of start. To judge the acceptability of motor starting characteristics, SREC will use the applicable IEEE (Institute of Electrical Electronics Engineers Standards from ANSI Standards) and actual or anticipated complaints by other members. The member can modify its use of SREC electric service by limiting motor starting current or frequency and time of motor starting.

Phase Converters

The operating characteristics of any phase converters shall be provided to SREC prior to their installation and operation. SREC will need to review the impact that the phase converter has on the local distribution system. Larger installations, if approved, will be required to have reduced voltage and current starting capabilities.

Power Factor Adjustment

The member agrees to maintain unity power factor as nearly as practical. The Cooperative reserves the right to measure power factor at any time. Should measurements indicate that the average power factor for the month be less than 90% of the Maximum Demand. Billing shall be adjusted according to current cooperative policy.

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Equipment Protection

All equipment connected to SREC's lines, which may be damaged by loss of voltage on one phase, shall be protected by the member to ensure that such equipment will be disconnected from the line in case of abnormal voltage conditions. Three-phase motors shall be protected against single-phasing.

Types of Service and Voltages Available

120/240 volt 1 phase – Up to 800 amps

120/208 volt 3 phase Y

277/480 volt 3 phase Y

Other Service Requirements

It shall be the practice of SREC to extend service on an area coverage concept, and provide service to prospective members under uniform rates, fees and facility charges in accordance with applicable rate schedules, consistent with sound business practices.

- The estimated “contribution-in-aid of construction” and all required fees must be paid in a lump sum payment prior to the construction of the line extension, or service upgrade. Please note that this cost is based on soil conditions which allows the type of line extension requested. Rocky or abnormal conditions may lead to additional costs. Fees, and Contribution-in-aid-of-construction (CIAC), on behalf of the applicant, shall not be deemed to vest either interest or individual ownership in any portion of the facilities to the service point. Installed electric facilities up to the point of delivery (service point) remain the ownership of SREC with the exception of when, as determined by authorized SREC personnel, it is the best interest of SREC to either abandon and/or transfer ownership of said facilities.
- Directional drilling and boring for reasons other than cooperative benefit will be at the expense of the member.
- Easements shall be obtained, along with any required permits prior to the installation of any service.
- SREC reserves the right to make the final determination as to the type of construction (overhead or underground), the routing of the line extension, and placement of poles and equipment.
- SREC reserves the right to determine the point of origin for any and all service construction. A point of origin includes poles, transformers, underground sectionalizing cabinets, and secondary or metering pedestals with the capabilities for additional service connections.

Chapter 2 ~ Services

SREC will extend service to members as promptly as practical consistent with prevailing conditions and will cooperate with contractors and members in order to provide proper service connections. Due to equipment and material lead times, advance notice shall be given to SREC, especially if any special or large circumstances exist.

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Where there is a question concerning the meaning or applications of SREC rules, unnecessary delays or expenses may be avoided by consulting SREC in advance of any construction. Members, their architects, engineers or contractors shall consult SREC concerning the installation of special circuits for separate metering or controls to meet the rate requirements of SREC and permit adequate service.

To be considered “ready for service” the member must have all the items on the Service Checklist (see [Appendix 6](#)) completed. The checklist can be obtained from any of our three offices or on our website (www.sre.coop). Additional charges shall apply if multiple trips are required due to service not being ready.

Service Location

The location of the member’s service entrance shall in all cases be designated by SREC. SREC or its representatives shall make all connections to its lines, and in no case shall these connections be made by other than SREC representatives. To avoid misunderstanding and additional expense, SREC shall be consulted concerning all new service connections and locations.

- Meter sockets shall be a maximum of 20 feet from the transformer, remain readily accessible by SREC employees, and have a minimum rating of 200 amps with overcurrent protection at the service point. SREC has the final decision on all equipment locations up to and including the service point.
- No new services shall be installed on buildings or structures.
- Service upgrades on existing services installed on buildings or structures can only remain as long as the point of attachment does not move or change, and meets current rules and codes.
- No new or upgraded services will be permitted to use pole top disconnects, or remain on a SREC primary structure. Any damaged pole top disconnects beyond repair will be required to be brought up to our current service rules.
- All services must have a means of disconnect with overcurrent protection to disconnect the premise wiring from SREC wiring at the service point.
- All multiple ganged sockets will be permanently marked on a permanent surface to the location of each meter.
- Multi-site metering is subject to Cooperative approval.
- **No member’s equipment shall be mounted on SREC primary structures.** Existing equipment such as lighting, fence equipment or any other member owned equipment shall be removed from SREC’s primary structures. This is to meet SREC rules, NESC codes and ensure the safety of our membership and contractors.

Overhead Service

Conductor Clearances

In selecting the location of the point of attachment of the service drop, SREC will give careful consideration to code clearance requirements, location of its supply lines, SREC rules, and the needs of the member and the property of others. It is required that metering points be a maximum of 20 feet from the transformer.

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Rare exceptions will be considered if extenuating circumstances exist, and are approved by SREC. (i.e. land obstructions or road crossings)

- The member's service entrance shall be located so that SREC service wires will not be interfered with by trees and so that buildings and other obstructions are cleared vertically and horizontally in accordance with requirements of the State Electrical Code. Right-of-Way easements shall also be secured for SREC services.
- The member shall furnish a cleared right-of-way without cost to SREC adequate for construction of the line extension along a route approved by SREC. The right-of-way shall be a minimum of 20 feet either side of the nearest conductor for overhead lines. If right-of-way clearing is completed by SREC, the member must reimburse SREC for the entire cost.

Conductors shall have a clearance of not less than 8 feet from the highest point of roofs over which they pass except as follows:

1. This clearance may be reduced to 3.5 feet for supply conductors limited to 300 volts to ground if the roof has a slope of not less than 1 to 3 (4 to 12).
2. Where a roof has a pitch of 1 to 3, service drop conductors of 300 volts or less, which do not pass over other than a maximum of 4 feet of the overhang portion of the roof for the purpose of terminating at a through roof service raceway or approved support may be maintained at a minimum of 18 inches from any portion of the roof over which they pass.
3. Overhead Conductor Clearances (see [Appendix 7](#))

Overhead service or line conductors:

- Shall not pass over swimming pools or the surrounding land within 20 feet from the outside edge of the pool. Consult SREC when it is necessary for service or line conductors to pass over this area.
- Shall not pass over areas where material is regularly stored and handled by cranes or other types of high machinery unless the clearance of the service drop is adequate to permit full use of the equipment.
- Shall not pass over above-ground storage tanks (LP gas tanks over 1000 gallon) and the area extending 8 feet horizontally from the tank if the voltage is 300 volts to ground or less, 20 feet horizontally if above 300 volts to ground.
- Shall not pass over wells within a horizontal distance of not less than $\frac{3}{4}$ of the required vertical clearance. Or a minimum of 25 feet whichever is greater.
- After SREC installs power lines any new additions or structures that encroach on the established right of way that SREC has must be reported to SREC, this is to ensure member and SREC safety. If corrections must be made to fix a safety issue, it will be the member's responsibility to pay for corrections.

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Service Conductor Termination

- SREC will install the attachment device on a SREC set pole. SREC installed attachment device shall hold SREC service wires only.
- In all cases the member shall be required to extend his service entrance to a sufficient height, or location not ordinarily exceeding 30 feet, to meet all of the minimum ground clearance requirements for overhead service installation.
- The member's service entrance weather head shall be installed 6 inches above the designated point of the meter pole service attachment approved by SREC.
- Service entrance conductors shall project at least 30 inches beyond the service head to permit the proper connections to the service wires. The neutral or grounded entrance conductor shall be permanently identified with a white or gray marking.

Underground Service

The member shall furnish a cleared right-of-way without cost to SREC adequate for construction of the line extension along a route approved by SREC. The right-of-way shall be a minimum of 10 feet either side of the nearest conductor for underground lines. If right-of-way clearing is completed by SREC, the member must reimburse SREC for the entire cost.

SREC will install and maintain SREC-owned underground electric facilities at current cooperative costs. Equipment location, meter location, and service termination shall be specified by SREC.

Member Requirements

The member shall identify all privately owned underground equipment on the Service Data Form (see [Appendix 4](#)) provided by SREC prior to the installation of SREC underground electric facilities. Damage to member-owned underground equipment not located and/or identified by the member shall be the member's responsibility.

The member shall grant rights-of-way with an easement satisfactory to SREC for the installation and maintenance of the underground electric facilities. See [Appendix 8](#) for right-of-way specifications.

The member shall provide the following at no expense to SREC:

- The right of way shall be cleared of trees and other obstructions.
- A signed and notarized right-of-way easement for 10 feet on either side of the nearest conductor.
- The right of way shall be within 4" of finished grade.
- Space for underground service conduit and conductors shall be clear of obstructions extending a minimum of 30" below grade.

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- Members may be required to provide an SREC approved open trench a minimum of thirty (30) inches deep and four (4) inches wide for underground services between the transformer and the meter at the member's expense.
- If underground equipment (ie. transformers and meter pedestals) are located in a high traffic area, SREC may require the member to install adequate barriers to protect equipment.
- SREC conductors located beneath buildings, pavement, drivable areas or other obstructions shall be placed in schedule 80 electrical conduit extending six (6) feet beyond the obstruction. If obstructions are placed on the service right of way after the service is installed, additional repair costs incurred due to the obstruction will be billed to the member if repairs to the service become needed.

SREC will backfill all of its excavating to the extent of eliminating a hazard, but will not be responsible for the final landscaping of the area. The underground cable will be installed so that no buildings or other structures; including decks, patios, septic systems, and garages; are over or within any distance that would cause a code violation, (see the National Electric Safety Code Sections 31 and 35), or infringe on SREC right-of-way easement.

Should a building or similar structure be built over the underground cable, SREC shall notify the landowner of the code violation and request a meeting with the landowner to determine remedial action. Any remedial costs shall be the responsibility of the landowner. If a meeting between SREC and the landowner cannot be arranged, SREC shall make necessary corrections to SREC facilities and bill the landowner for such corrections.

SREC shall not be liable for damage to trees, lawn, fences, sidewalks or other obstructions incident to the installation, maintenance or replacement of underground facilities, unless caused by its own negligence.

Terminating Underground Service Conductors

Underground service conductors shall terminate at the metering point.

All underground premises wiring shall also have overcurrent protection in accordance with the ampacity of the underground conductor located at the service point.

- Single-phase services of 200-320 Amps shall terminate at the meter socket.
- All meter sockets shall have a minimum of a 200 amp rating with overcurrent protection at the service point.
- For single-phase or three-phase multiple socket installations, the member shall provide a single point of termination for SREC underground service conductors.
- Current transformer metering will be required on services larger than 320 Amp. An SREC approved CT cabinet with overcurrent protection incorporated will be installed and maintained by the member. SREC shall be consulted for conduit or pedestal location and installation specifications. For the

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Approved Equipment List see [Appendix 9](#). Contact SREC for approval of any equipment not on the list with the part number and make of requested equipment.

- Conduit risers shall have a sleeve placed around the conduit where the conduit passes through a concrete slab.
- Expansion joints are required between the metering / CT cabinets and the ground line at the member's expense.
- Soil or ground water conditions generally require the installation of above ground entry of underground service conductors to prevent seepage or water entering through the entrance conduit. SREC will not be responsible for any damage caused by water seeping into the buildings through the member's raceway or conduit.
- Ground rods and the grounding conductor shall not be installed within 2 feet of the underground cable route. The grounding shall not be installed in the conduit or pedestal with underground service entrance conductors.

Temporary Service

1. Checklist for service must be completed along with a SREC membership application.
2. All required fees must be paid prior to service.
3. Member provided temporary meter loops.
4. All temporary services can remain for a period of **90** days. Additional fees will apply for each month thereafter for a maximum of one year.

For Contractors, DOT, Bridge Companies, all temporary services alike use the following steps:

1. Requires a membership.
2. Will be set up the same as a new service, along with associated costs.
3. Required to pay a \$500.00 deposit.
4. All required costs must be paid prior to service installation.
5. Usage and facility charge will be billed monthly.
6. All costs associated with any special requirements (distance, location, etc.) will be billed on a time and material basis.

Temporary meter loops shall be wired to SREC rules and state and national codes. Inspection and a wiring affidavit for temporary services are required prior to connecting.

Relocation of Services

Relocation of SREC lines requested by the member will be at the member's expense. SREC will provide a written estimate for such work upon request. A field check will be required for an accurate estimate. SREC will have the final decision of the new location, type of construction, scheduling and costs.

Charges may be calculated on a per foot basis, percentage, or time and material rates.

Chapter 3 ~ Cooperative Equipment on Member's Premises

SREC shall have the right to install, inspect and maintain its equipment on the member's premises as is necessary to furnish proper service. All such equipment shall remain SREC property, and SREC shall have

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the right to remove it on discontinuance of service. The member shall be responsible for damages and losses resulting from interference or tampering with such equipment caused or permitted by the member. In the event that SREC equipment is interfered with or damaged, SREC may require the member to change his wiring, at his own expense, to permit the installation of other SREC equipment or to permit the relocation of SREC equipment to avoid further interference or damage.

Sealing of Equipment

Meters and all associated metering equipment, service termination boxes, wire raceway, and service entrance switches containing unmetered conductors are sealed by SREC. This equipment must be designed with provisions for seals or locks as specified by SREC.

Unauthorized removing of SREC seals is unlawful and may result in a billing for the investigation and replacement of the seal as well as criminal prosecution and tampering charges.

Theft of Service

SREC will investigate for the possibility of theft of service whenever tampering with meter seals, meters, service conductors, and service connections is reported or detected. Only SREC authorized persons are permitted to make connections to SREC lines.

If the investigation determines that electricity is being stolen, the service shall be disconnected. Before the service can be reconnected, the member shall make payment in full for the estimated amount of unmetered electricity.

Theft of service may result in criminal prosecution.

Chapter 4 ~ Meters

Wiring for Meters

- SREC will under no circumstances permit “Jumpers” to be placed in meter sockets, which results in unbilled energy.
- Metered and unmetered conductors shall not be installed in the same conduit or raceway.
- On group installations each service switch, breaker, meter pedestal socket or cabinet shall bear a distinctive, permanent marking clearly identifying the location to be served. The location being served shall be identified in the same manner.
- SREC shall not permit meters or instruments other than its own to be connected to its meter wiring.

Meter Locations

- The clear working space in front of meter panels shall be a minimum of 4 feet and a vertical clearance of 6 feet 6 inches. Two feet of horizontal clearance on either side shall also be provided. Free space in front of instrument transformer cabinets shall be 2 feet beyond the cover in the extended position or a minimum of 4 feet whichever is greater.

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- If changes are made on the member’s premises making the existing meter location unsafe or inaccessible for reading and testing, the member shall be required to make changes in the wiring so that the meter may be located to comply with these rules and codes. Failure of the member to correct his wiring within a reasonable length of time after written notification shall be considered as noncompliance with these rules. SREC reserves the right to discontinue electric service until the member has changed his wiring as outlined above.
- The member shall be responsible for providing protection for the meter(s) from damage caused by falling ice, snow or other objects. In locations where the meter is not protected, the member shall provide a protective shield.

The service specifications and diagrams for individual service requirements are as follows:

Specifications and Diagrams

The information in this section addresses questions most commonly asked by our members when applying for electric service. While this information covers Scenic Rivers Energy Cooperative’s requirements for the electrical service entrance, it is **not** meant to replace state or national codes. For a copy of either code book, please contact:

National Electric Code

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471
(800) 344-3555

Wisconsin State Electric Code

Madison, WI 53702

NOTE: Per State law and code you must contact a licensed master electrician to perform any electrical work.

Conductor Types and Sizes

<u>Service Size</u>	<u>Minimum Sizes</u>	
	Copper	Aluminum
200 amp	No. 2/0	No. 4/0
320 amp	No. 4/0	No. 350mcm

Please see current code requirements for wire type and size.

Single-Family Dwellings

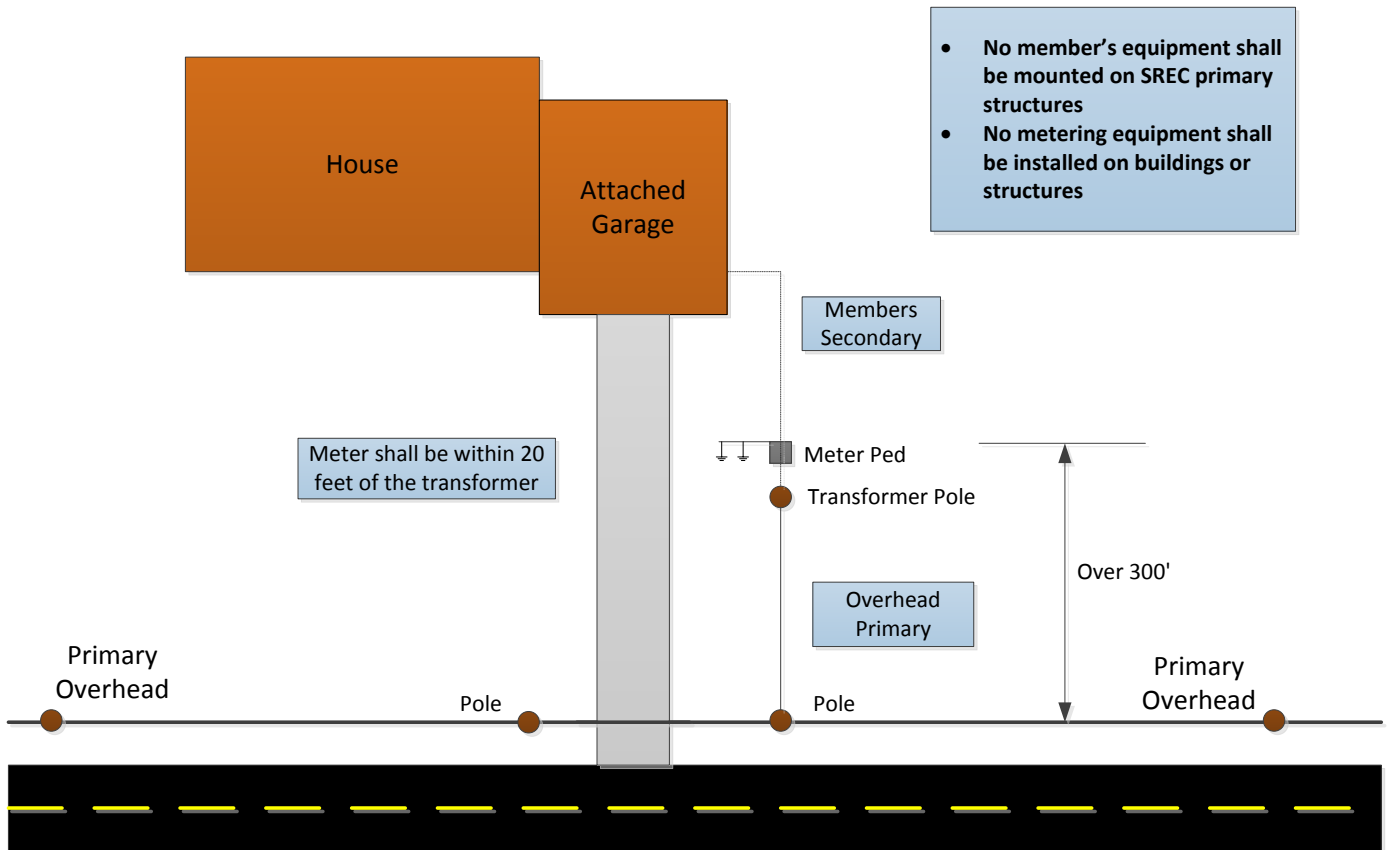
- Minimum meter socket rating is 200 amp
-

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- Single family dwellings may have only one main service disconnect. Exception: A second main may be installed for (1) a different rate (Controlled Electric Heat)
- Service metering shall be rated to at least the rating of any disconnects and overcurrent protection

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Guide for New Service Metering Point over 300' from SREC Facilities OH

Placement Guide
New Service Metering Point
Over 300' From SREC Facilities
Primary Overhead line

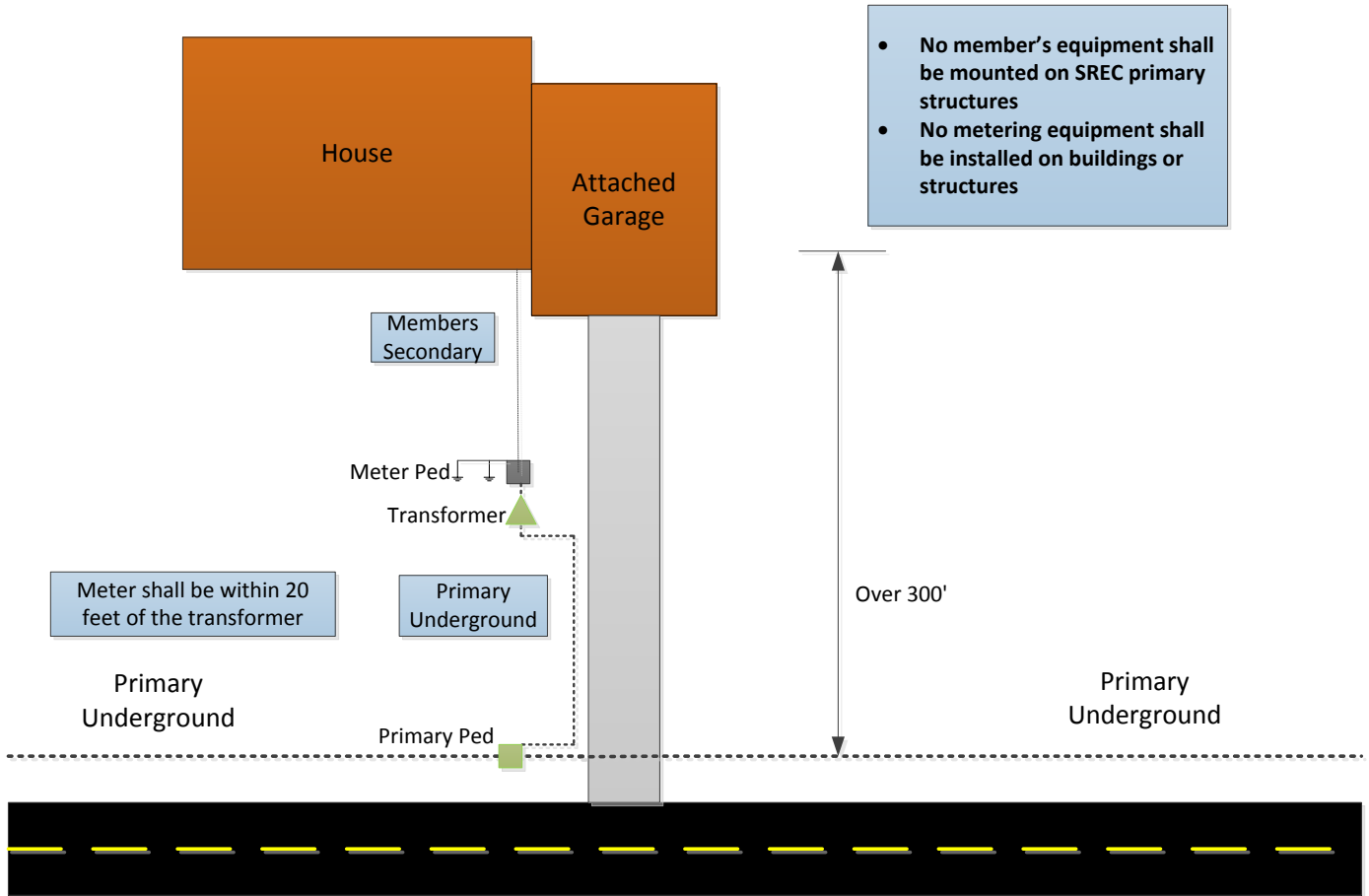


Total Secondary (Utility and Member) Not to Exceed 300' to the Main Service Location

Last Revision Date: 1/20/2017

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Guide for New Service Metering Point over 300' from SREC Facilities URD

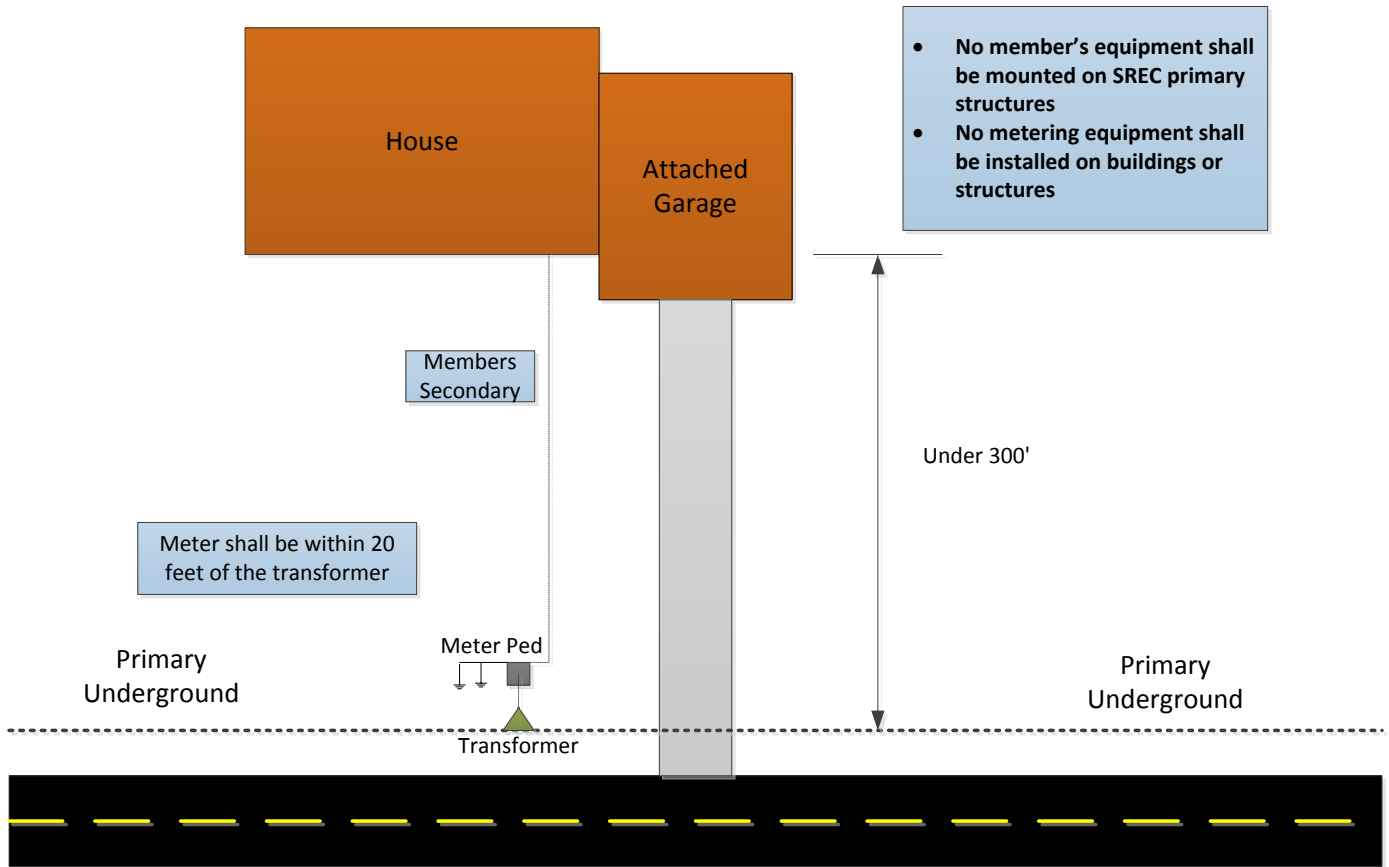
Placement Guide
New Service Metering Point
Over 300' From SREC Facilities
Underground Primary Line



Total Secondary (Utility and Member) Not to Exceed 300' to the Main Service Location

Last Revision Date: 1/20/2017

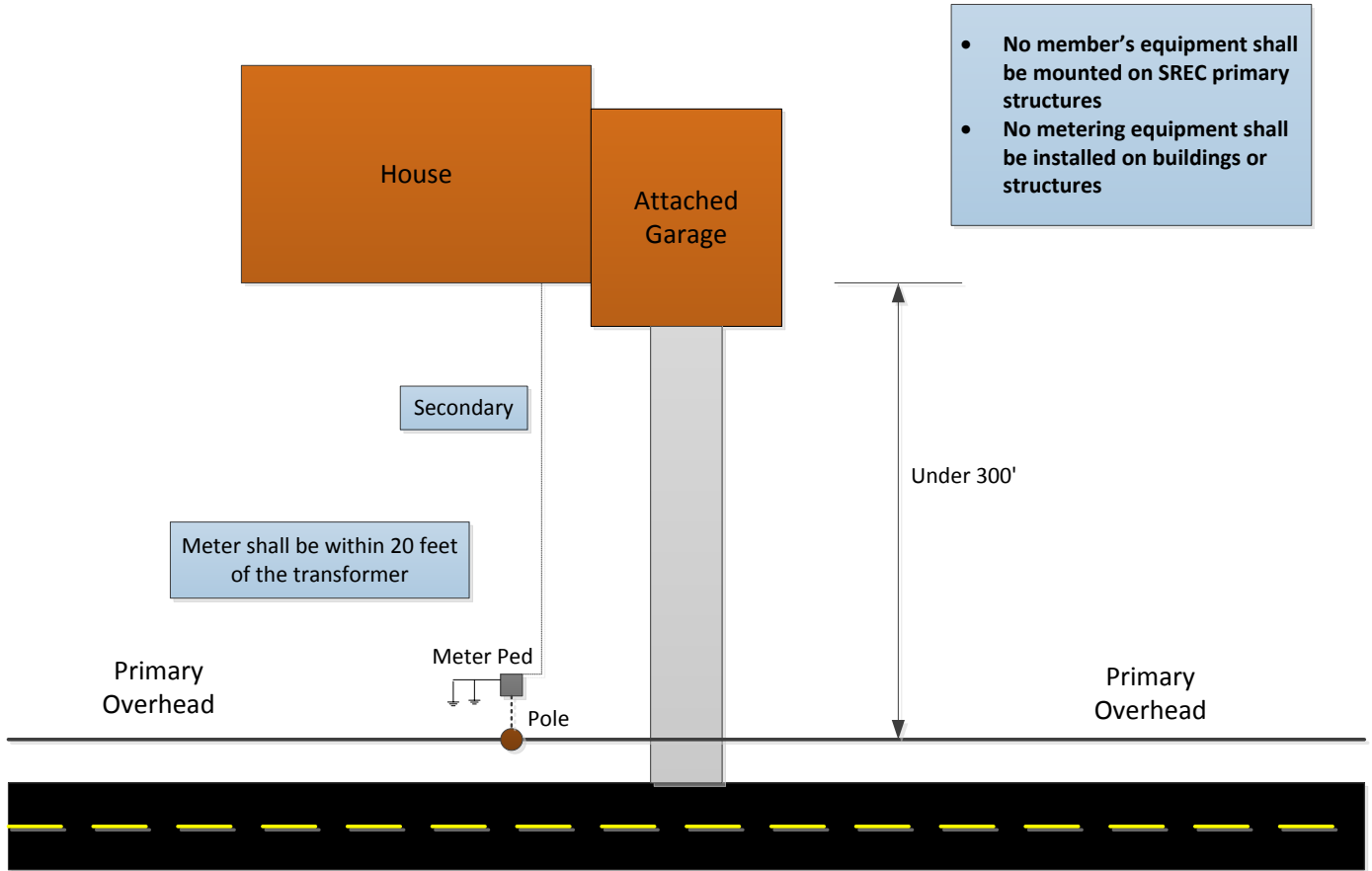
Placement Guide
New Service Metering Point
Under 300' From SREC Facilities
Underground Primary Line



Total Secondary (Utility and Member) Not to Exceed 300' to the Main Service Location

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations
Guide for New Service Metering Point under 300' from SREC Facilities OH

Placement Guide
New Service Metering Point
Under 300' From SREC Facilities
Overhead Primary Line

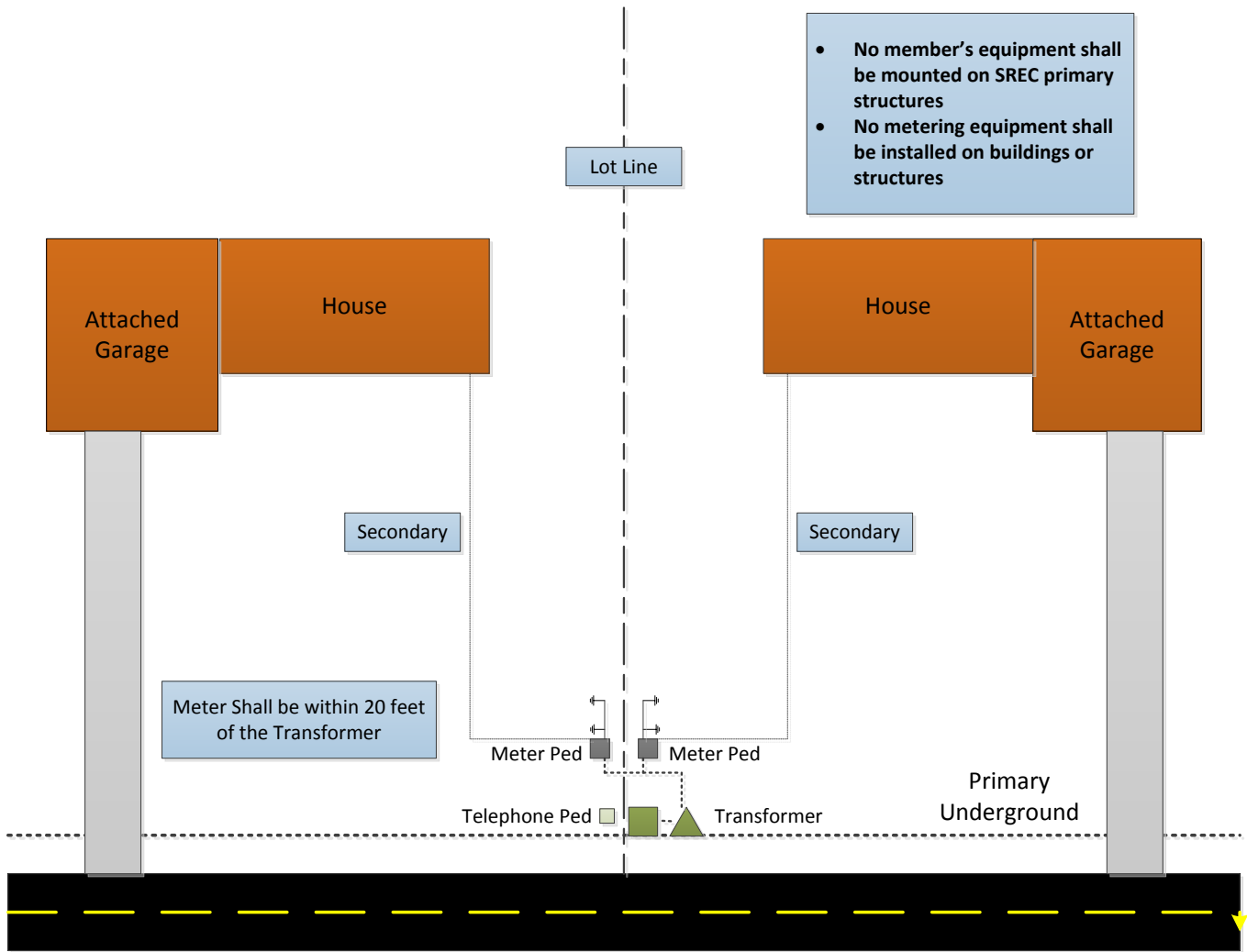


Total Secondary (Utility and Member) Not to Exceed 300'

Last Revision 1/20/2017

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations
Guide for New Service Metering Point Shared Property Line

Placement Guide
New Service Metering Point
Shared Lot Line



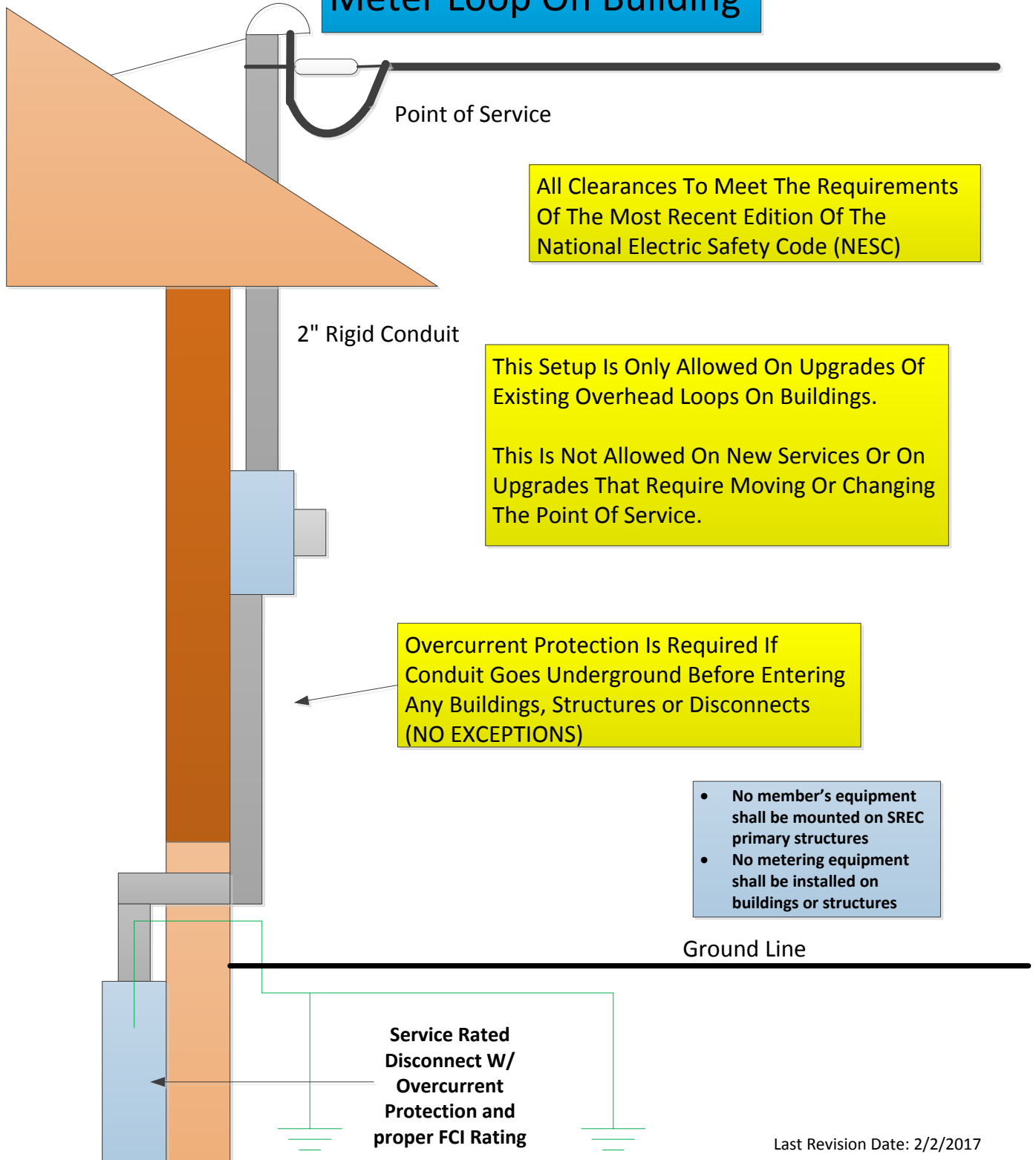
Total Secondary (Utility and Member) Not to Exceed 300' to the Main Service Location

Last Revision Date: 1/20/2017

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Meter Loop on Building

Meter Loop On Building



Point of Service

All Clearances To Meet The Requirements Of The Most Recent Edition Of The National Electric Safety Code (NESC)

2" Rigid Conduit

This Setup Is Only Allowed On Upgrades Of Existing Overhead Loops On Buildings.
This Is Not Allowed On New Services Or On Upgrades That Require Moving Or Changing The Point Of Service.

Overcurrent Protection Is Required If Conduit Goes Underground Before Entering Any Buildings, Structures or Disconnects (NO EXCEPTIONS)

- No member's equipment shall be mounted on SREC primary structures
- No metering equipment shall be installed on buildings or structures

Ground Line

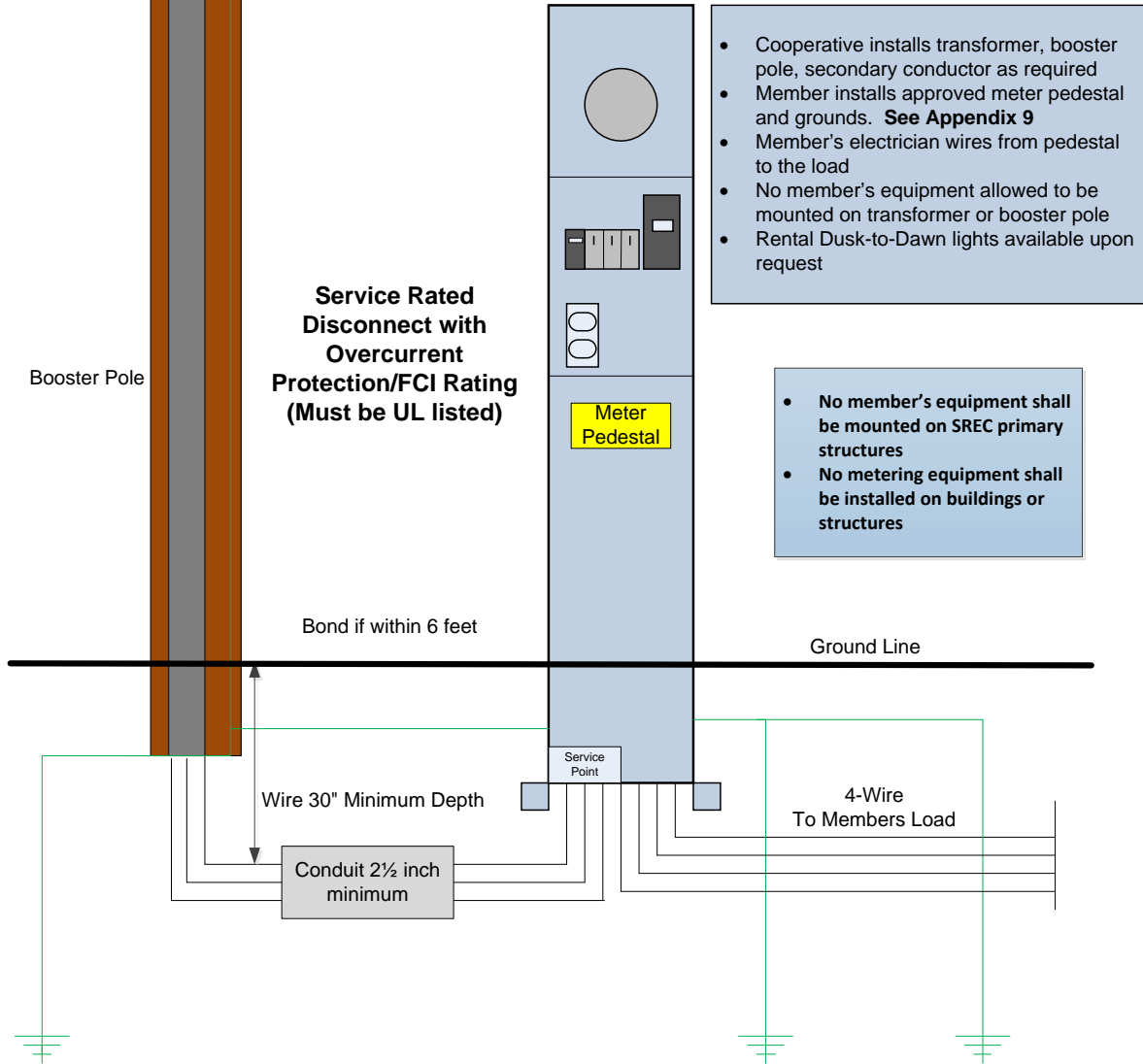
Service Rated Disconnect W/ Overcurrent Protection and proper FCI Rating

Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations
Booster Pole with 200 or 320 amp Meter Pedestal

**Booster Pole and 200/320 Amp
 Meter Pedestals**

- Voltage 120/240
- Transformer size TBD by SREC
- Available for circumstances that require a booster pole (Approved by SREC)



Last Revision Date: 12/2/2017

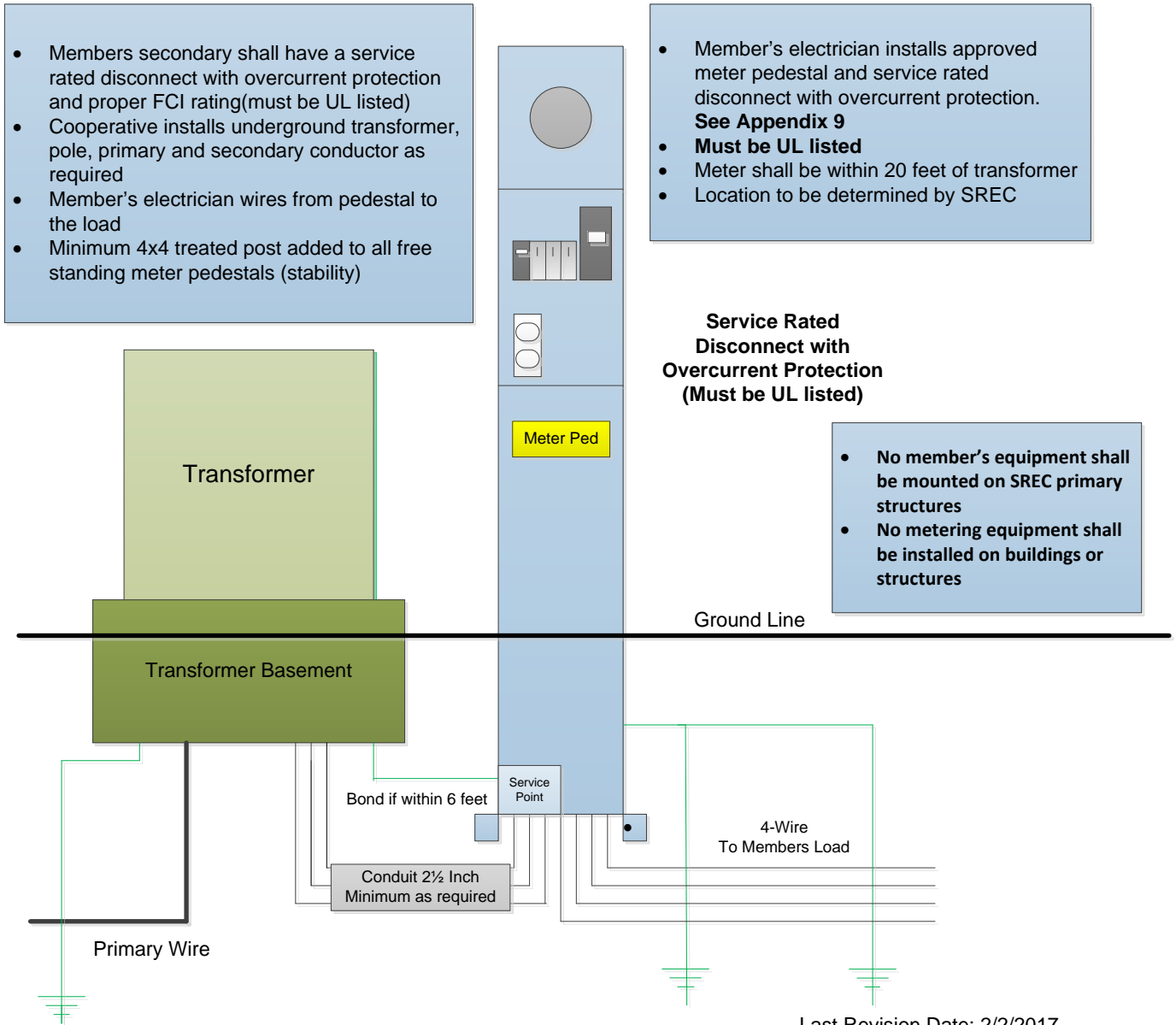
Scenic Rivers Energy Cooperative

Wiring/Service Specifications and Recommendations

200 Amp Meter Pedestal

200 Amp Meter Pedestal

- Voltage-120/240
- Transformer Size TBD by SREC
- Location Within 20 feet of transformer
- Transformer placements shall be at least 50 feet from buildings and structures when lot size allows.



Scenic Rivers Energy Cooperative

Wiring/Service Specifications and Recommendations

200 Amp Dual Meter Pedestal

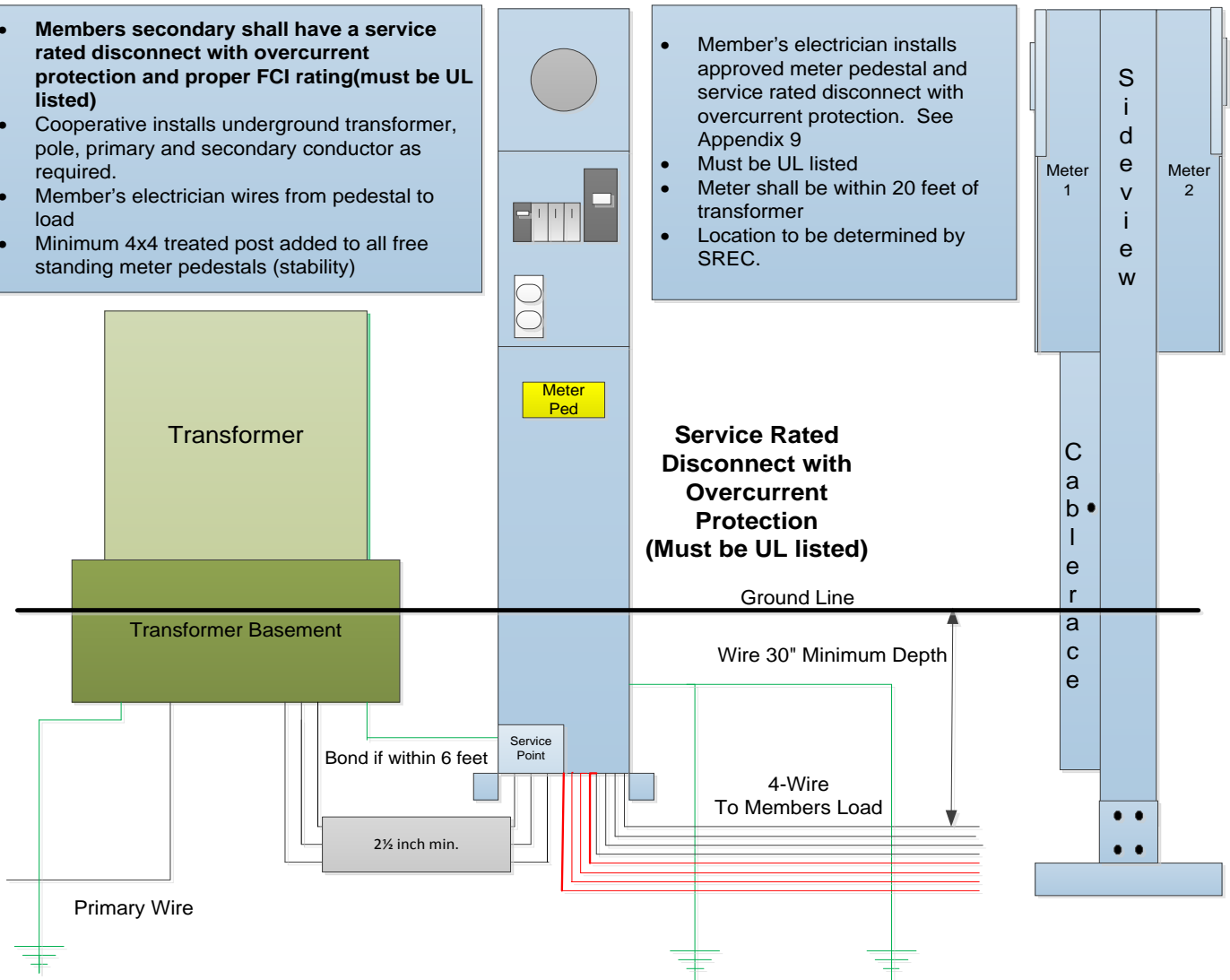
200 Amp Double Meter Pedestal

- Voltage-120/240
- Transformer size TBD by SREC
- Location within 20 feet of transformer

- No member's equipment shall be mounted on SREC primary structures
- No metering equipment shall be installed on buildings or structures

- **Members secondary shall have a service rated disconnect with overcurrent protection and proper FCI rating (must be UL listed)**
- Cooperative installs underground transformer, pole, primary and secondary conductor as required.
- Member's electrician wires from pedestal to load
- Minimum 4x4 treated post added to all free standing meter pedestals (stability)

- Member's electrician installs approved meter pedestal and service rated disconnect with overcurrent protection. See Appendix 9
- Must be UL listed
- Meter shall be within 20 feet of transformer
- Location to be determined by SREC.



Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

320 Amp Meter Pedestal

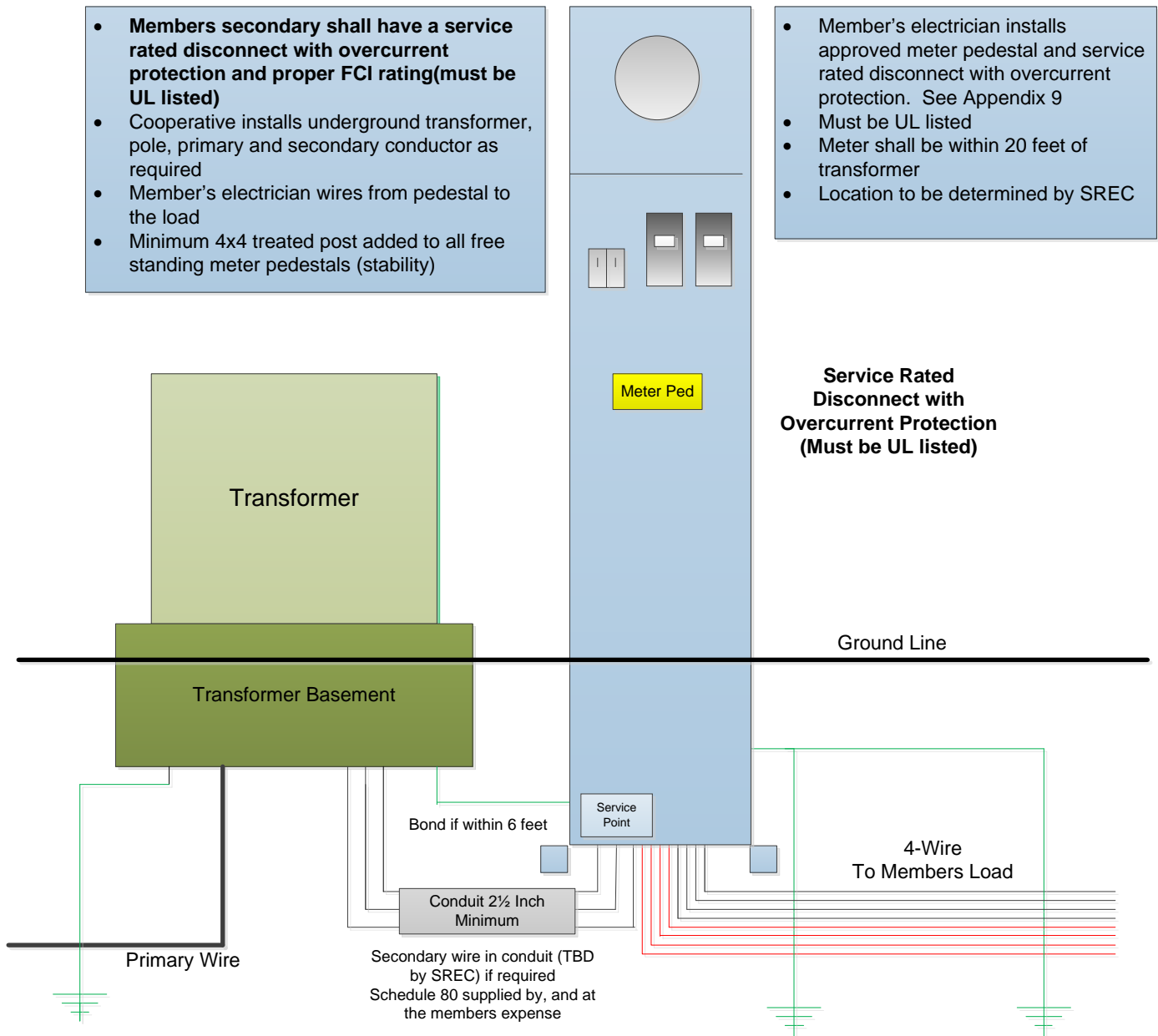
320 Amp Meter Pedestal

- Voltage-120/240
- Transformer size TBD by SREC
- Location within 20 feet of transformer

- No member's equipment shall be mounted on SREC primary structures
- No metering equipment shall be installed on buildings or structures

- **Members secondary shall have a service rated disconnect with overcurrent protection and proper FCI rating(must be UL listed)**
- Cooperative installs underground transformer, pole, primary and secondary conductor as required
- Member's electrician wires from pedestal to the load
- Minimum 4x4 treated post added to all free standing meter pedestals (stability)

- Member's electrician installs approved meter pedestal and service rated disconnect with overcurrent protection. See Appendix 9
- Must be UL listed
- Meter shall be within 20 feet of transformer
- Location to be determined by SREC



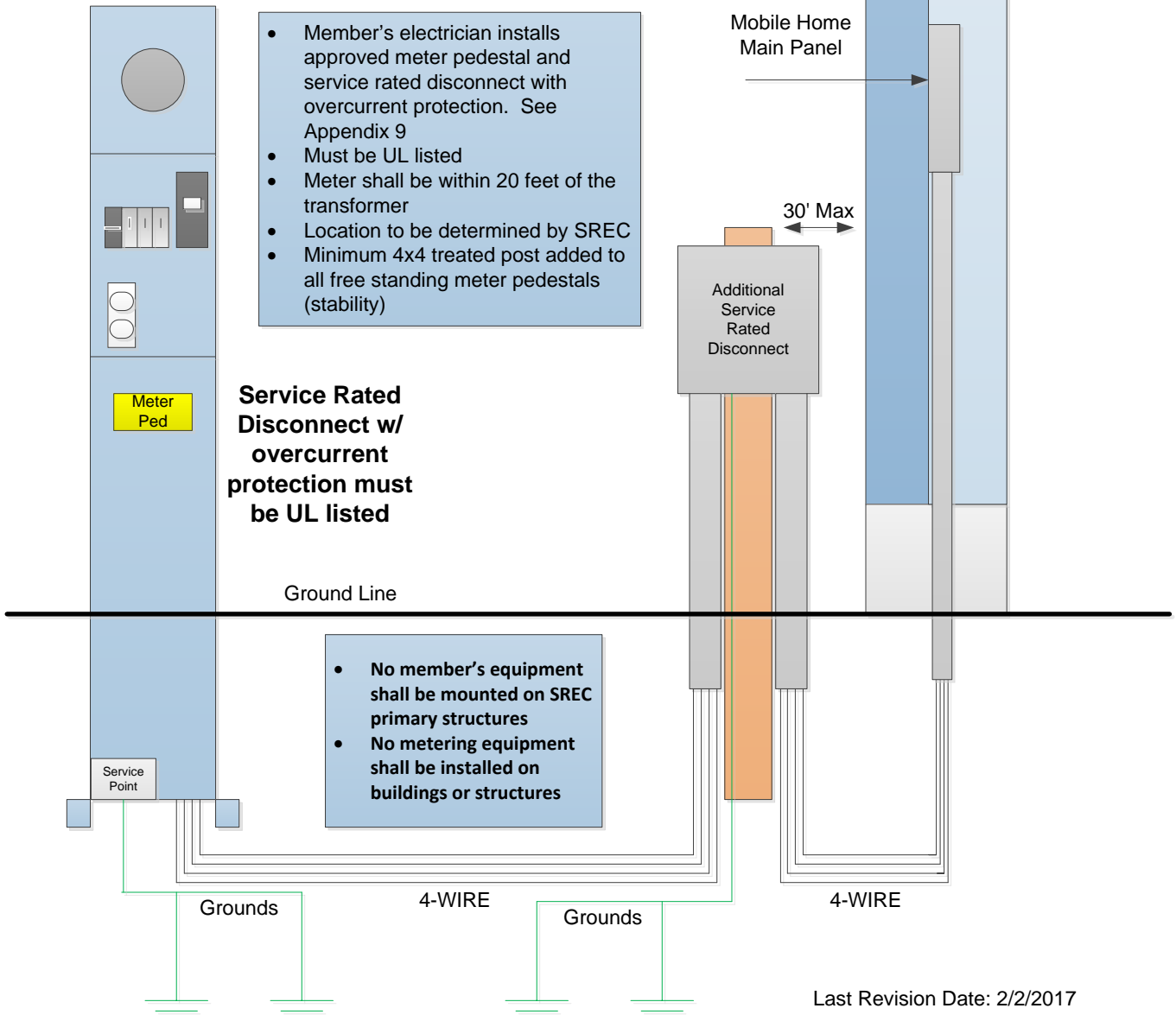
Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Guide for Mobile Home

Guide For Mobile Home

- Voltage-120/240
- Transformer size TBD by SREC
- KVA charge over 25 KVA
- Meter located within 20 feet of transformer
- If meter is more than 30 feet from home, an additional disconnect is required

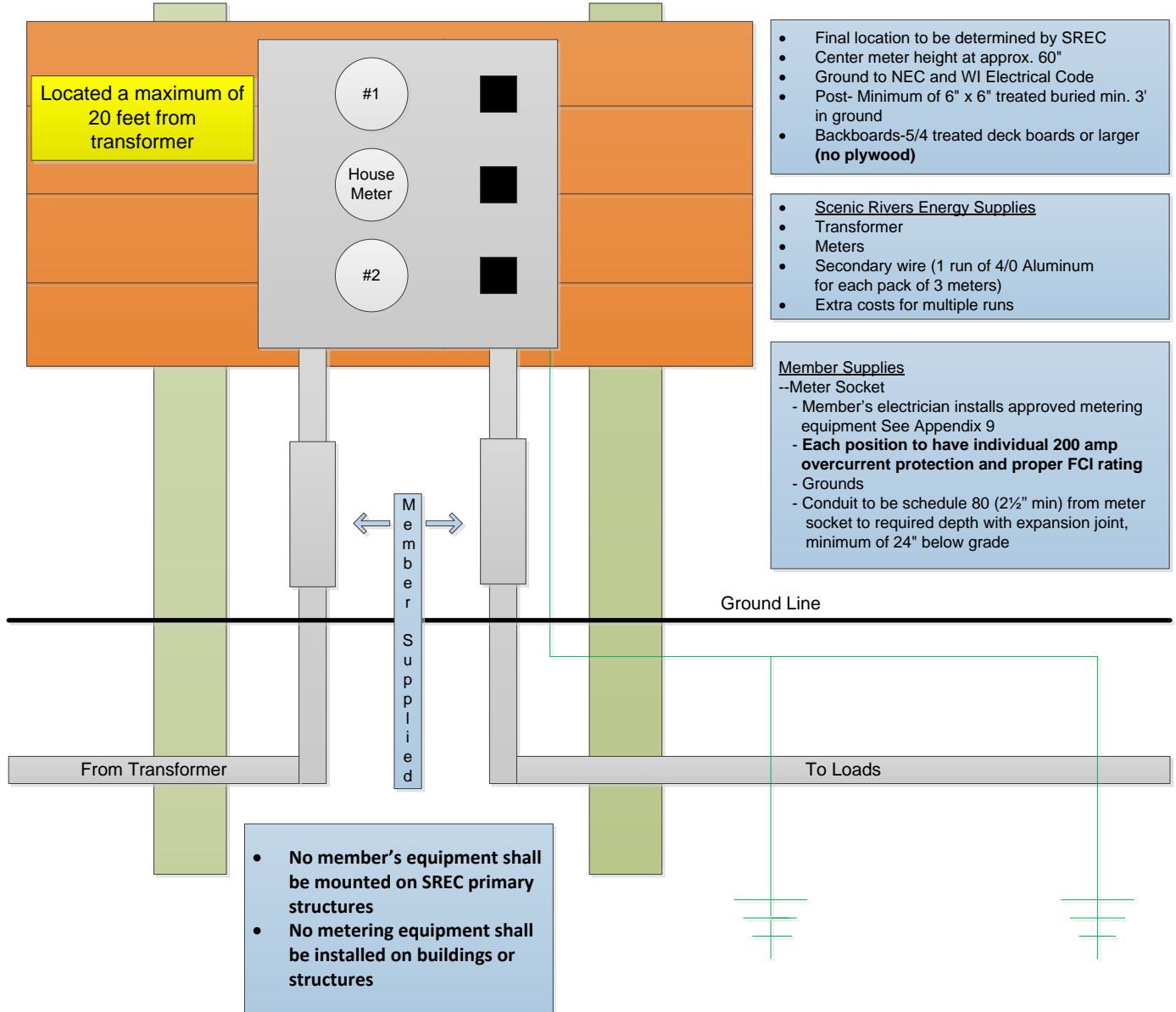


Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Duplex Metering

Duplex Metering

- Voltage 120/240
- Transformer size TBD by SREC (Max. 50 KVA per 3 pack)
- Metering shall be located within 20 feet of the transformer
- Transformer location to be determined by SREC (20 feet from buildings and structures as lot size allows)
- For pedestals with more than 2 meters, verification of meter locations must be made by both SREC and electrician prior to meter installation



Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative Wiring/Service Specifications and Recommendations

400 to 600 Amp Single Phase

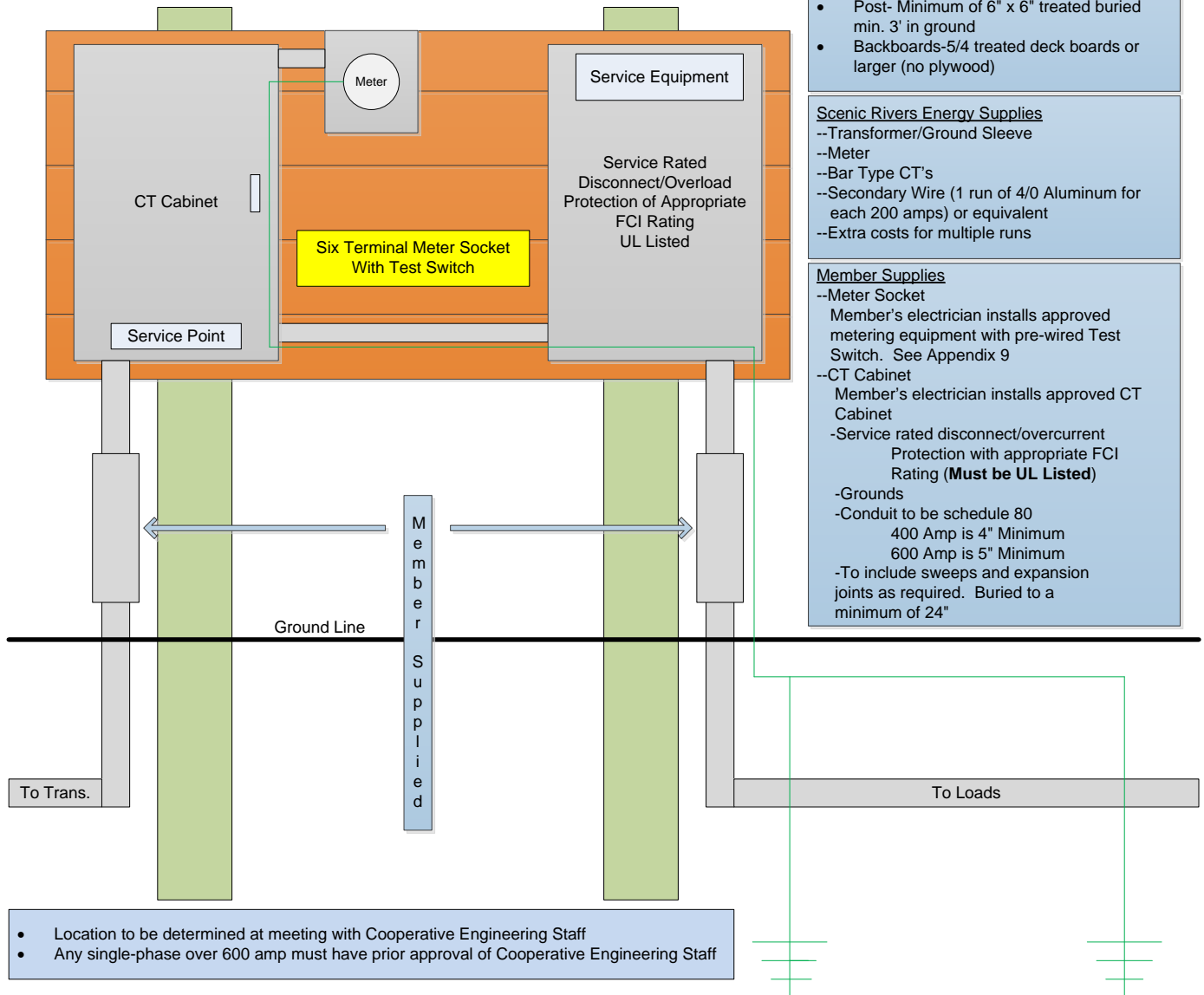
- Voltage 120/240
- Transformer size TBD by SREC
- KVA charges per rate schedule
- Bond CT cabinet & meter socket to code

- Location within 20 feet of transformer
- Minimum of 12' from transformer if agricultural

- Meter height at approx. 60"
- Ground to NEC and WI Electrical Code
- Post- Minimum of 6" x 6" treated buried min. 3' in ground
- Backboards-5/4 treated deck boards or larger (no plywood)

- Scenic Rivers Energy Supplies**
- Transformer/Ground Sleeve
 - Meter
 - Bar Type CT's
 - Secondary Wire (1 run of 4/0 Aluminum for each 200 amps) or equivalent
 - Extra costs for multiple runs

- Member Supplies**
- Meter Socket
Member's electrician installs approved metering equipment with pre-wired Test Switch. See Appendix 9
 - CT Cabinet
Member's electrician installs approved CT Cabinet
 - Service rated disconnect/overcurrent Protection with appropriate FCI Rating (**Must be UL Listed**)
 - Grounds
 - Conduit to be schedule 80
400 Amp is 4" Minimum
600 Amp is 5" Minimum
 - To include sweeps and expansion joints as required. Buried to a minimum of 24"



- Location to be determined at meeting with Cooperative Engineering Staff
- Any single-phase over 600 amp must have prior approval of Cooperative Engineering Staff

- **No member's equipment shall be mounted on SREC primary structures**
- **No metering equipment shall be installed on buildings or structures**

Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative

Wiring/Service Specifications and Recommendations

400 to 600 Amp Single Phase with Transfer Switch

400 to 600 Amp Single Phase w/Transfer Switch

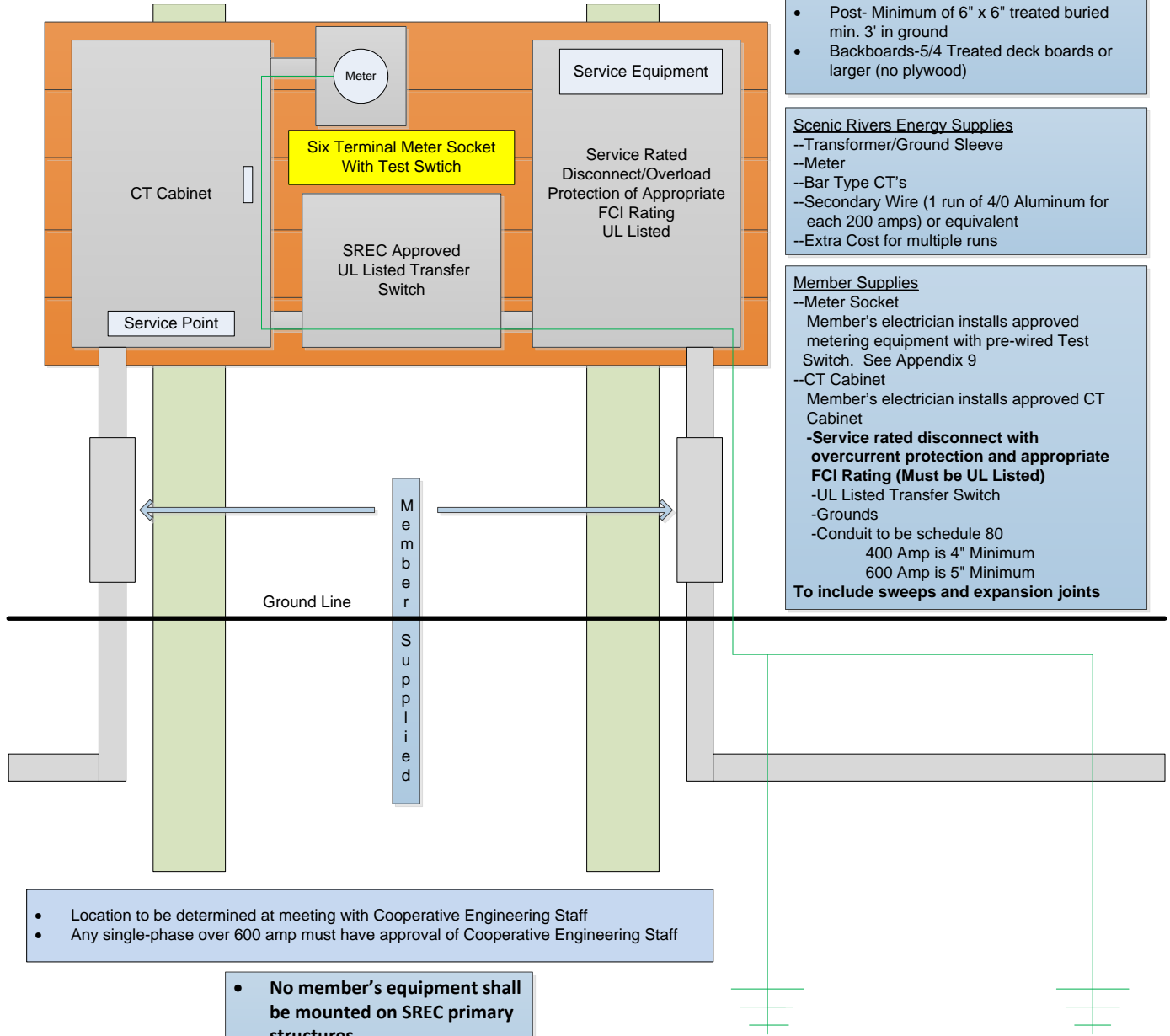
- Voltage 120/240
- Transformer size TBD by SREC
- KVA charges per rate schedule
- Bond CT cabinet & meter socket to code

- Location within 20 feet of transformer
- Minimum of 12' from transformer if agricultural

- Meter height at approx. 60"
- Ground to NEC and WI Comm 16
- Post- Minimum of 6" x 6" treated buried min. 3' in ground
- Backboards-5/4 Treated deck boards or larger (no plywood)

- Scenic Rivers Energy Supplies
- Transformer/Ground Sleeve
 - Meter
 - Bar Type CT's
 - Secondary Wire (1 run of 4/0 Aluminum for each 200 amps) or equivalent
 - Extra Cost for multiple runs

- Member Supplies
- Meter Socket
Member's electrician installs approved metering equipment with pre-wired Test Switch. See Appendix 9
 - CT Cabinet
Member's electrician installs approved CT Cabinet
 - Service rated disconnect with overcurrent protection and appropriate FCI Rating (Must be UL Listed)**
 - UL Listed Transfer Switch
 - Grounds
 - Conduit to be schedule 80
400 Amp is 4" Minimum
600 Amp is 5" Minimum
- To include sweeps and expansion joints**



- Location to be determined at meeting with Cooperative Engineering Staff
- Any single-phase over 600 amp must have approval of Cooperative Engineering Staff

- **No member's equipment shall be mounted on SREC primary structures**
- **No metering equipment shall be installed on buildings or structures**

Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative Wiring/Service Specifications and Recommendations

200 to 800 Amp Three Phase

200 to 800 Amp Three Phase

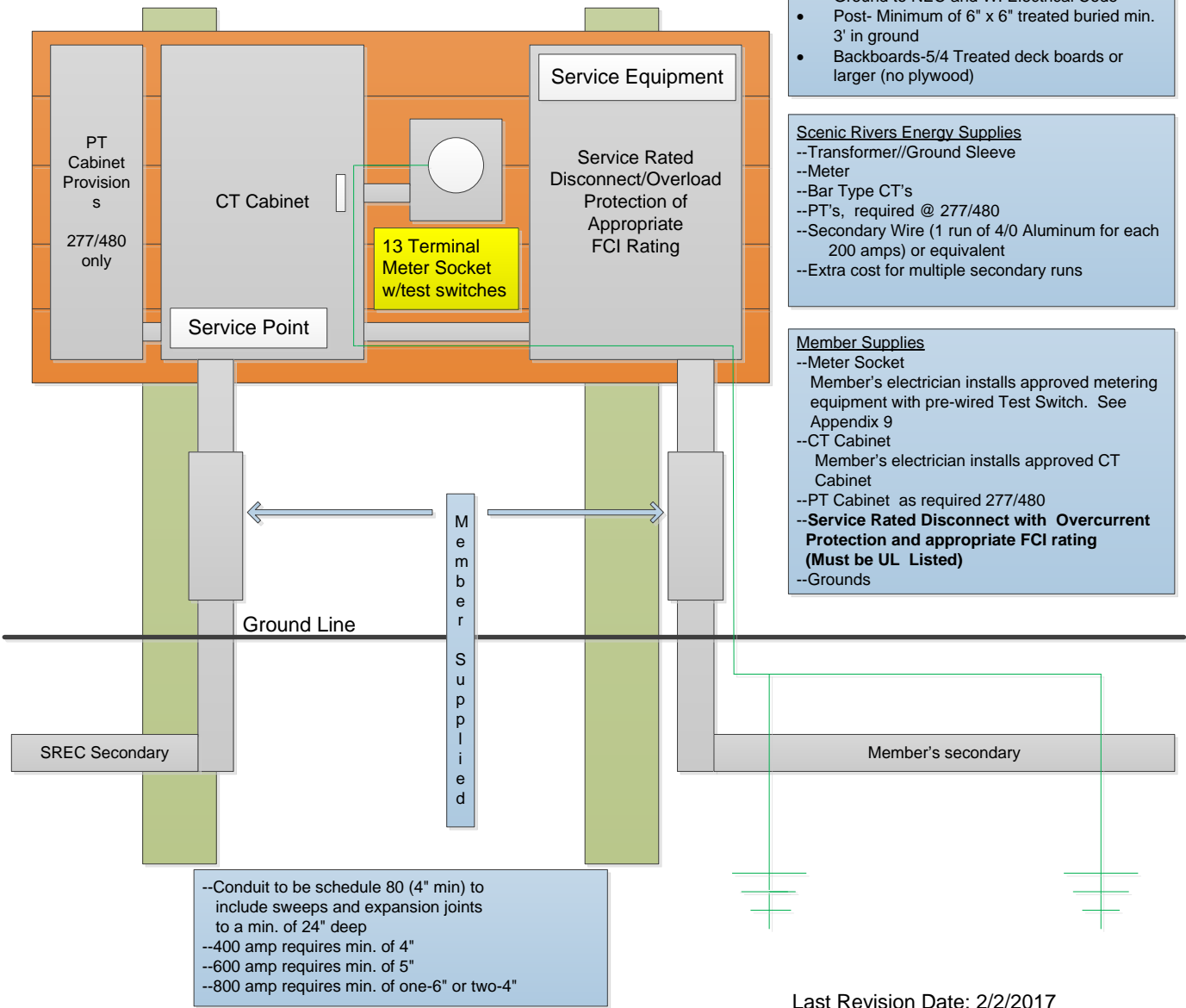
- Voltage-120/208 or 277/480
- Transformer size (225 KVA or smaller)
- KVA charges per rate schedule
- Metering located within 20 feet of transformer, Minimum of 12' if agricultural
- Bond CT cabinet & meter socket to code

- **No member's equipment shall be mounted on SREC primary structures**
- **No metering equipment shall be installed on buildings or structures**

- Meter Height at Approx. 60"
- Ground to NEC and WI Electrical Code
- Post- Minimum of 6" x 6" treated buried min. 3' in ground
- Backboards-5/4 Treated deck boards or larger (no plywood)

- Scenic Rivers Energy Supplies
- Transformer//Ground Sleeve
 - Meter
 - Bar Type CT's
 - PT's, required @ 277/480
 - Secondary Wire (1 run of 4/0 Aluminum for each 200 amps) or equivalent
 - Extra cost for multiple secondary runs

- Member Supplies
- Meter Socket
Member's electrician installs approved metering equipment with pre-wired Test Switch. See Appendix 9
 - CT Cabinet
Member's electrician installs approved CT Cabinet
 - PT Cabinet as required 277/480
 - Service Rated Disconnect with Overcurrent Protection and appropriate FCI rating (Must be UL Listed)**
 - Grounds



- Conduit to be schedule 80 (4" min) to include sweeps and expansion joints to a min. of 24" deep
- 400 amp requires min. of 4"
- 600 amp requires min. of 5"
- 800 amp requires min. of one-6" or two-4"

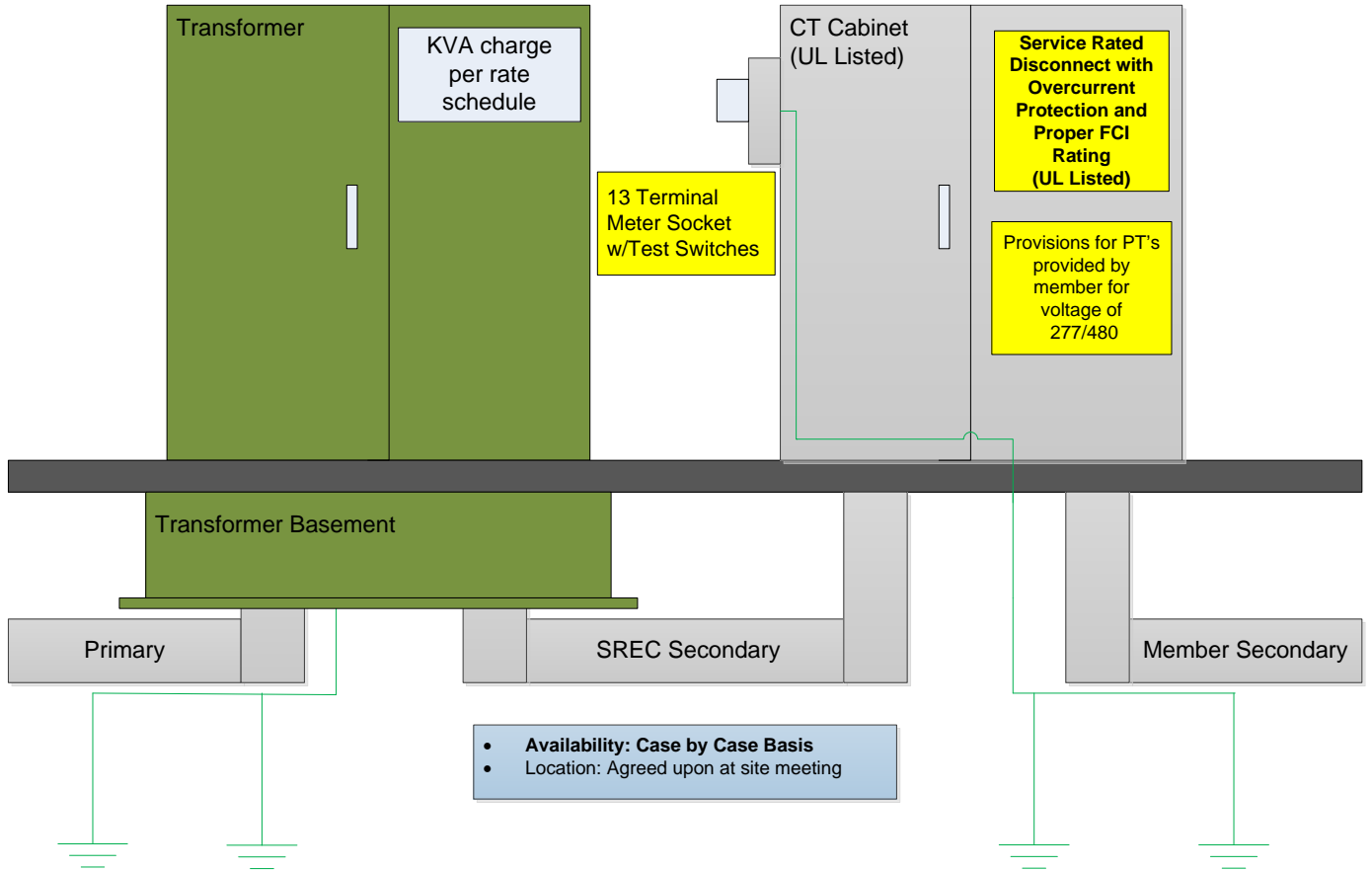
Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

1000 Amp and Larger – Three Phase

1000 Amp and Larger-Three Phase

- Voltage 120/208 or 277/480
- Transformer size 300 KVA or Larger (KVA charges based on size of service)
- CT cabinet to be a minimum of 12' from the transformer if agricultural, maximum of 20' from transformer
- Final location to be determined by the Cooperative
- Bond CT cabinet & meter socket to code



Member Supplies

- Meter Socket
- Member's electrician installs approved metering equipment with pre-wired 10 pole test switch. See Appendix 9
- Cement Pad to incorporate
- CT Cabinet/Overcurrent Protection (**UL Listed**)
- CT cabinet **W/Service Rated Disconnect W/Overcurrent Protection and proper FCI Rating (Must be UL Listed)**
- PT provisions as required (277/480V)
- Raceway and/or required conduit for SREC secondary
- Grounds per NEC and WI Elec. Code

--Conduit to be schedule 80 (6" min) per run between Transformer and CT Cabinet

Scenic Rivers Energy Supplies

- Transformer/Ground Sleeve
- Meter
- Bar or Finger Type CT's as determined by SREC
- PT's for (277/480 only)
- Secondary Wire (1 run of 4/0 Aluminum for each 200 amps) or equivalent.
- Extra cost for multiple runs of secondary

- **No member's equipment shall be mounted on SREC primary structures**
- **No metering equipment shall be installed on buildings or structures**

Last Revision Date: 2/2/2017

Scenic Rivers Energy Cooperative Wiring/Service Specifications and Recommendations

Meter Sockets

- Meter sockets shall be installed in a level and plumb position securely attached to a solid backing. Minimum of 5/4 deck boards or equivalent. (No plywood)
- SREC approved meter pedestals are also permitted. Check with SREC for approved specifications.
- Both meter sockets and pedestals will be secured to a solid base to ensure stability. **Minimum 4x4 treated post added to all free standing meter pedestals.**
- Meter sockets to be furnished and installed by the member or electrician, and located so it is accessible to SREC personnel at all times.
- Meter sockets shall have connection lugs suitable for aluminum or copper conductors. All meter sockets shall be rated at a minimum of 200 amps regardless of the size of the load.
- Single-phase and three-phase meter sockets mounted on a backboard shall be installed so that the center of the meter is 5 feet +/- 6 inches above finished grade for overhead and underground services and 3 feet above finished grade for underground services for free standing meter pedestals.
- For underground installations, the meter socket type must specifically be for underground applications, and the size must be 200 amp minimum regardless of the size of the load.
- For off-peak service metering, please contact SREC's member services department.
- No services or member's equipment will be allowed on SREC's primary (main line) poles.
- Corrosion inhibitor shall be used on all connections to aluminum conductors.
- On group installations the meter sockets Group or ganged sockets shall have a single point of termination for SREC conductors.

Important

Accounts connecting to one of SRECs Controlled Electric Heating programs will require a second meter. The installation of a double meter socket or equivalent shall be installed on any new installations. Overcurrent protection is required for each meter socket.

Grounding Metering Equipment

Grounding Required at Metering Installations and Service Entrances

- The grounding electrode conductors from the ground rods shall **not** be installed in the conduit with SREC service conductors, nor can it be spliced or terminated in the meter socket, or in the utility side of the meter pedestal, or CT cabinet.

Scenic Rivers Energy Cooperative Wiring/Service Specifications and Recommendations

- Two grounds are required; the first being two (2) feet from the service entrance and the second being a minimum of six (6) feet away from the first.
- Ground rods must be copper clad steel, and at least five eights (5/8) inch in diameter by eight (8) feet in length.

Ground wire

- Ground wire must meet current code requirements Grounding conductors shall be continuous. Ground wire shall be attached to the service entrance neutral at the main panel.
- Main panel must be bonded to the neutral with bonding screw. Neutral and ground bus bar shall be bonded only at central service location.

Chapter 5 ~ Motors and Motor Regulations

All motor equipment connected to SREC's system is subject to approval by SREC with respect to starting characteristics and frequency of starts. SREC shall be consulted before installation of any single phase motors larger than 10 hp.

Motor installations including starting devices, if necessary, shall be required to have starting characteristics which will not cause an instantaneous voltage drop to other members' service nor cause objectionable lighting flicker.

Installations of motors used to drive equipment requiring a variable torque, such as compressors, reciprocating type pumps, sawmills, etc., shall be required to limit the variation of the motor current so that it will not interfere with service to other members. SREC reserves the right to require the member to provide, at his own expense, equipment to control the fluctuations within limits prescribed by SREC. The maximum allowable variation of motor current for each specific installation may be obtained by contacting SREC. The maximum allowable variation of motor current for each specific installation may be obtained by contacting SREC.

All member-owned equipment shall be protected from excessive current which may result from overload, under voltage, single-phase operation of three-phase motor, etc., with fuses, thermal cutouts, overload relays, or other protective devices designed to protect the individual motor. The protective equipment shall be provided by the member.

<u>Cooperative Service</u>	<u>Inrush kVA</u>	<u>Inrush amps</u>	<u>Maximum Motor Size</u>
Single-phase 120/240 volt	60	250	10 HP, NEMA Code G
Three-phase 120/208 volt	240	667	40 HP, NEMA Code F
Three-phase 277/480 volt	240	289	40 HP, NEMA Code F

Maximum motor size will vary depending upon NEMA Code Letter (*SREC's engineer must be contacted for additional information*).

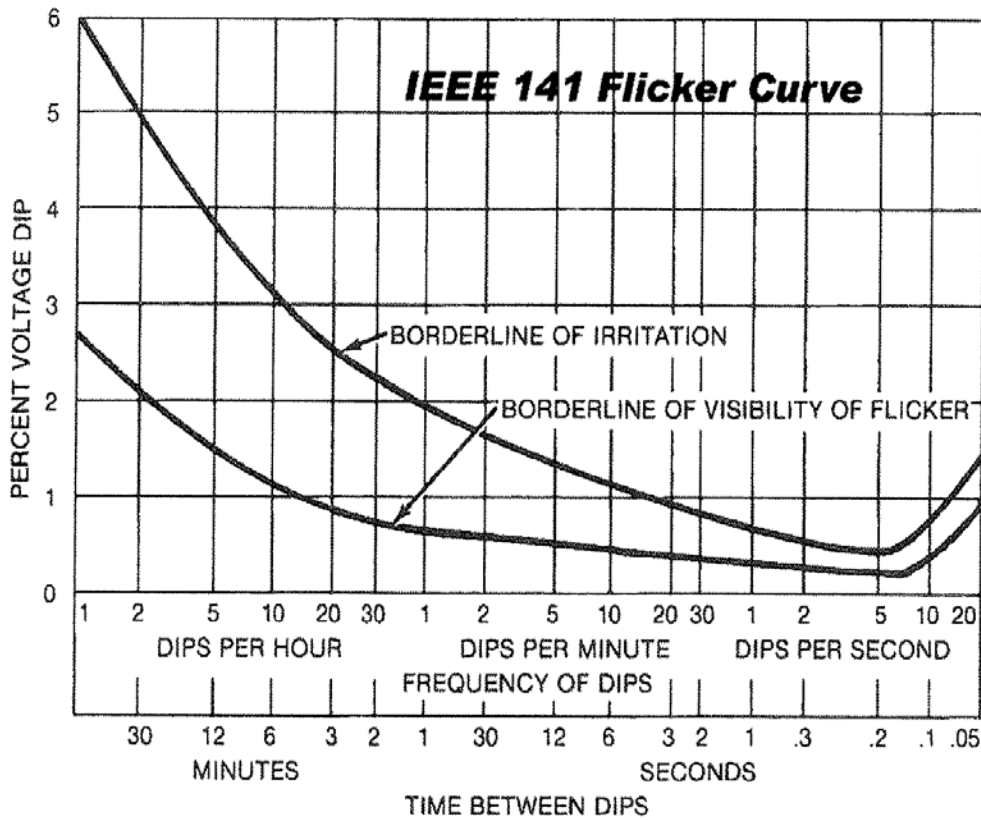
Scenic Rivers Energy Cooperative Wiring/Service Specifications and Recommendations

Three-Phase Motors

Because of varying conditions on SREC system in different locations, it will be necessary to consult SREC in each case to determine the maximum value of starting current, or less, may be started across the line. Motors with greater starting current may require member equipment to limit the starting current.

At a location where three-phase service is being used and approval has been given for specific motors or motors with starting equipment, other equipment may be installed without further approval as to starting provided that the starting, duty and frequency is no more severe than existing motors. Additional load which will increase the maximum load by 25% or more over a present authorization shall be approved by SREC. This will permit SREC to arrange for proper transformer capacity.

To safeguard the installation, it shall be the responsibility of the member to provide motors with protective and control equipment such as protection against low voltage, overcurrent, phase failure, short circuit, and against phase reversal where reverse operation of a three-phase motor may cause injury or damage.



Any cause in voltage flicker or disturbances which can be determined to have been caused by equipment from service shall be corrected to SREC's standards. These corrections shall be the member's responsibility.

Scenic Rivers Energy Cooperative

Wiring/Service Specifications and Recommendations

Chapter 6 ~ Water Heating

SREC has several programs and incentives available for off-peak electric water heating. Incentives are available based on size, efficiency ratings, and load controlling. Programs are based on electric water heaters being connected to a load management device. There are several different control strategies based upon member needs. Contact your member services department for questions and help in deciding what is right for you.

Chapter 7 ~ Lighting

Dusk-to-Dawn Rental Light:

- A signed Dusk-to-Dawn Light agreement (see [Appendix 10](#)) is required.
- Reference to FAQ's on [Appendix 11](#).
- Lights available are LED dusk to dawn lights (Subject to change)
- Dusk-to-Dawn light extensions must be from a Scenic Rivers Energy Cooperative (SREC) source of power as determined by SREC. The maximum distance from the source of power to the pole is 150 feet.
- Extensions from a meter socket will not be allowed.
- For underground service, the member provides a SREC specified trench from the source of power to the pole location.
- After initial installation there is an additional charge for requests to change the Dusk-to-Dawn light location and/ or direction. Contact SREC for current pricing and approved installations.

Chapter 8 ~ Controlled Electric Heating

SREC offers a Controlled Electric Heat rate. Connection to this service requires the installation of a second electric meter and disconnecting equipment, which will allow electric heating loads to be controlled at the appropriate times. In return, the member receives a lower controlled electric heat rate. Contact your member services department for questions and help in deciding what is right for you.

Chapter 9 ~ Load Management and Rebate Programs

Load management programs are designed to lower SREC's demand levels during peak demand times. This helps reduce the need for new power plants or the purchase of expensive market priced power during these peak times, and allows Dairyland Power Cooperative, our power supplier, to utilize their existing facilities

Scenic Rivers Energy Cooperative

Wiring/Service Specifications and Recommendations

in the most efficient manner, which helps keep our members rates as low as possible. Those members participating in the load management programs will also receive the benefit of qualifying for either Off-Peak rates, or monthly load control credits. Scenic Rivers Energy Cooperative offers the following load management programs. Please contact SREC member services department for specific requirements.

Controlled Electric Heating Program

This controlled electric heating program requires the use of a second meter, disconnecting equipment, as well as a qualifying back-up heating system. Geo-thermal, air source heat pumps, electric boiler systems are some of loads allowed on this program. These loads will be energized except during peak demand periods, at which time they can be turned off up to a maximum 6 hours out of 12 hours. In return, the consumption of these loads will be metered at the Controlled Electric Rate.

Electric Thermal Storage Program

This controlled electric heating program requires the use of a second meter and disconnecting equipment. Loads eligible for this program include electric thermal storage room units, centrally ducted electric thermal storage systems and electric boiler in-floor storage systems. Loads on this program will be energized 10 1/2 hours per day Monday – Friday and turned off 13 1/2 each day. On weekends loads will be energized 24 hours except during peak alert periods, at which time they would be controlled. In return, the consumption of these loads will be metered at the Controlled Electric Off-Peak Storage Rate.

Electric Water Heater Program

This program consists of a load management receiver that is installed on the water heater disconnect at the home or business by a representative of SREC, at no cost to the member. This load management receiver is connected to the water heater circuit and controls the water heater during peak demand periods. In return the member receives a daily credit on their monthly bill for participating in this program.

Air Conditioning Program

A load management receiver is installed on the ac unit disconnect at the home or business by a representative of SREC, at no cost to the member. This load management receiver is connected to the air conditioning circuit to be controlled during peak demand periods. It will be controlled 15 minutes on and 15 minutes off.

Rebate Programs

SREC offers its members various incentives to participate in load management programs and to encourage energy conservation. To see what rebates and incentives are currently available stop by or contact SREC member services department or visit our website (www.sre.coop).

Chapter 10 ~ Member Generating Equipment

Standby Generating Equipment

SREC shall be consulted before any generating equipment is connected to any circuits which are or may be supplied from SREC's service lines.

The member shall install an approved double pole / double throw (transfer) switch that is mechanically interlocked, of adequate current and voltage rating so that the connected member's generating equipment cannot energize SREC's supply lines.

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

The double pole / double-throw (transfer) switch may be manually or automatically operated. Member-owned generating equipment shall not operate in parallel with SREC's system except under specific contract with SREC covering the conditions of such operation.

Distributed Generation System

SREC offers members the ability to sell electricity back into the grid. Usually this is accomplished through solar electric, wind turbine(s), and anaerobic digester(s). All these systems must follow the interconnection rules, fill out the proper forms and abide by all applicable codes. All systems must be tested for proper operation before startup and on an annual basis thereafter. Please visit our website (www.sre.coop) for an application and guidelines.

Scenic Rivers Energy Cooperative

WIRING/SERVICE SPECIFICATIONS AND RECOMMENDATIONS/FORMS

Appendix

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Appendix 1: Electrical Inspectors

Grant County

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Office: 608-348-3627
Cell: 608-642-0463
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Toll Free: 888-596-5387
nspectormike@yahoo.com

TOWN	BUILDING INSPECTOR
BEETOWN	HAMPTON
BLOOMINGTON	SMRCINA
BOSCOBEL	SMRCINA
CASSVILLE	REUTER
CASTLE ROCK	SMRCINA
CLIFTON	HAMPTON
ELLENBORO	REUTER
FENNIMORE	HAMPTON
GLEN HAVEN	SMRCINA
HARRISON	HAMPTON
HAZEL GREEN	REUTER
HICKORY GROVE	HAMPTON
JAMESTOWN	REUTER
LIBERTY	HAMPTON
LIMA	HAMPTON
LITTLE GRANT	SMRCINA
MARION	SMRCINA
MILLVILLE	SMRCINA
MT HOPE	SMRCINA
MT IDA	SMRCINA
MUSCODA	REUTER
NORTH LANCASTER	HAMPTON
PARIS	HAMPTON
PATCH GROVE	SMRCINA
PLATTEVILLE	REUTER
POTOSI	HAMPTON
SMELSER	REUTER
SOUTH LANCASTER	HAMPTON
WATERLOO	HAMPTON
WATTERSTOWN	HAMPTON
WINGVILLE	SMRCINA
WOODMAN	SMRCINA
WYALUSING	SMRCINA

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Crawford County

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TOWN	BUILDING INSPECTOR
BELL CENTER VILLAGE	SMRCINA
BRIDGEPORT	HAMPTON
CLAYTON	SMRCINA
DESOTA VILLAGE	SMRCINA
EASTMAN	KRACHEY
EASTMAN VILLAGE	SMRCINA
FERRYVILLE VILLAGE	SMRCINA
FRANKLIN	SMRCINA
FREEMAN	SMRCINA
GAYS MILLS VILLAGE	HAUGRUD
GAYS MILLS	HAUGRUD
HANEY	KRACHEY
KICKAPOO	SMRCINA
LYNXVILLE VILLAGE	SMRCINA
MARIETTA	KRACHEY
MT STERLING VILLAGE	SMRCINA
PRAIRIE DU CHIEN	HAUGRUD
PRAIRIE DU CHIEN CITY	SMRCINA
SCOTT	SMRCINA
SENECA	SMRCINA
SOLDIERS GROVE VILLAGE	SMRCINA
STERLING	SCHMITZ
STEUBEN VILLAGE	SMRCINA
UTICA	SMRCINA
WAUZEKA	KRACHEY
WAUZEKA VILLAGE	KRACHEY
WHEATLAND	SMRCINA
RICHWOOD	REUTER

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

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Gene Abraham
N1517 Dill Rd
Browntown WI 53522
Office: 608-439-5600
Cell: 608-558-2499

TOWN	BUILDING INSPECTOR
ADAMS	ABRAHAM
ARGYLE	REUTER
BELMONT	REUTER
BENTON	FENLEY
BLANCHARD	REUTER
DARLINGTON	REUTER
ELK GROVE	REUTER
FAYETTE	REUTER
GRATIOT	SMRCINA
JORDAN	ABRAHAM
KENDALL	REUTER
LAMONT	SMRCINA
MIFFLIN	SMRCINA
MINERAL POINT	SMRCINA
MONTICELLO	REUTER
MOSCOW	FENLEY
NEW DIGGINGS	REUTER
SEYMOUR	REUTER
SHULLSBURG	REUTER
WALDWICK	FENLEY
WAYNE	SMRCINA
WHITE OAK SPRINGS	REUTER
WILLOW SPRINGS	REUTER
WIOTA	FENLEY

Scenic Rivers Energy Cooperative

Wiring/Service Specifications and Recommendations

Appendix 2: Wiring Statement/Certificate of Electric Inspection



231 N. Sheridan St –Lancaster, WI 53813
 300 Barth Dr –Darlington WI 53530
 15985 State Hwy 131 – Gays Mills, WI 54631
 800-236-2141
 www.sre.coop

WIRING AFFIDAVIT/CERTIFICATE OF ELECTRIC INSPECTION

This certificate is required for all electrical services that Scenic Rivers Energy Cooperative energizes

Member Name: _____ Owner of Premise: _____

Service Address: _____

City: _____ State: _____ Zip: _____

County: _____ Township: _____

Electrical Contractor: _____ Address: _____
 (Please print)

I certify that this information is correct. I hereby understand and acknowledge that if Scenic Rivers Energy Cooperative must make a return trip to the above location because of either an error or omission on this certificate, or to disconnect this service due to a code violation as determined by the electrical inspector, I will be responsible for any charges Scenic Rivers Energy Cooperative incurs for their services.

Owner's Signature _____

The electrician being first duly sworn on oath says the following wiring for electricity was done:					
Type of service (check appropriate boxes):					
<input type="checkbox"/> Residence	<input type="checkbox"/> (Temp.) Service	<input type="checkbox"/> 1-Phase service entrance	_____AMPS	_____VOLTS	
<input type="checkbox"/> Farm	<input type="checkbox"/> Center Yd. Pole	<input type="checkbox"/> 3-Phase service entrance	_____AMPS	_____VOLTS	
<input type="checkbox"/> Commercial	<input type="checkbox"/> Permanent	<input type="checkbox"/> Rewire/Upgrade	_____AMPS	_____VOLTS	
<input type="checkbox"/> Swing to Perm.	<input type="checkbox"/> Overhead	<input type="checkbox"/> Underground	<input type="checkbox"/> Other: _____		

Valid Contractor's License # _____

Licensed Electrical Contractor Signature _____

Master Electrician License # _____

Master Electrician Signature _____

On the premises described above and in doing said wiring the electrician complied with the provisions of the Wisconsin State Electrical Code. Prior to energizing the above service, this form must be signed by the electrician/electrical inspector (Section 101.862 WIS. Statutes) and returned to Scenic Rivers Energy Cooperative. (Section 101.865 WIS. Statutes)

Inspector Use Only
WI UDC Certified Inspector #: _____
Date Approved: _____
Electrical Inspector <i>(please print)</i> : _____
Electrical Inspector Signature: _____

Office Use Only
SREC Acct. #: _____
SREC Location #: _____
Work Order Number: _____
Perm. Service Connect Date: _____
Date UDC Certificate Received: _____
By SREC: _____

Scenic Rivers Energy Cooperative Wiring/Service Specifications and Recommendations

Appendix 3: Application for Membership & Electric Service

Member Number _____

Location Number _____

APPLICATION FOR MEMBERSHIP AND ELECTRIC SERVICE SCENIC RIVERS ENERGY COOPERATIVE, LANCASTER, WISCONSIN

The undersigned (hereinafter called the "Applicant") hereby applies for membership in and agrees to purchase electric energy from Scenic Rivers Energy Cooperative (hereinafter called the "Cooperative", upon the following terms and conditions:

1. The application for membership by husband and wife shall be deemed as joint tenant member with right of survivorship unless the applicant designates in writing on this application for membership.
2. The Applicant will, when electric energy becomes available, purchase from the Cooperative all electric energy used on the premises described below and will pay therefore monthly or annually at rates to be determined from time to time by the board of directors, it being understood that all amounts paid by applicant in excess of operating costs and expenses of the Cooperative properly chargeable against the furnishing of such electric energy are furnished by the applicant as capital. The Applicant will pay a minimum monthly or annual bill established by the board of directors for the class service regardless of the energy consumed.
3. The Applicant will cause the applicant's premises to be wired in compliance with the Wisconsin State Electrical Code. The Cooperative reserves the right at its option to terminate electric service if in the opinion of the Cooperative the condition of the wiring facilities is hazardous.
4. The Applicant will comply with and be bound by the provisions of the articles of incorporation and bylaws of the Cooperative, and such rules and regulations as may from time to time be adopted by the Cooperative.
5. The Applicant, by becoming a member, assumes no personal liability nor responsibility for any debts or liabilities of the Cooperative, and it is expressly understood that under the law the Applicant's private property is exempt from execution of any such debts or liabilities.
6. The Applicant will grant to the Cooperative a right-of-way easement to construct, operate and maintain an electric line or system on the land owned by the Applicant.
7. The Cooperative is authorized to enter a subscription in the Applicant's name to the *Wisconsin REC News*, to be paid by the Cooperative.
8. The Applicant consents and agrees to pay interest or penalties in such manner as the board of directors may specify on any past due accounts which may be deducted from any sums due to the Applicant or the Applicant's survivors or estate.

The acceptance of this application by the Cooperative shall constitute an agreement between the Applicant and the Cooperative, and the contract for electric service shall continue in force until canceled.

PLEASE COMPLETE AND RETURN TO THE COOPERATIVE. THANK YOU.

Date _____

Date for Service to Start _____

Use Full Legal Name as in Property Records

Applicant (please print) _____ Applicant #2 (please print) _____

Driver's License No. _____ Driver's License No. #2 _____

Soc. Sec. No./Federal Id No. _____ Social Security No. #2 _____

Employer _____ Employer #2 _____

Email Address _____

Mailing Address _____

Meter Location Address _____

Is this a residence? (please circle) Yes No If No, please explain: _____

Telephone Number _____

Owner Renter If renter who is landlord? _____

Operation Roundup is a fund that is used to help individuals that experience some disaster (fire, flood, etc.) or health crisis. And the fund is used to donate to non-educational fundraisers, non-profit organizations, etc. If a member signs up for Operation Round up, the amount a member would contribute is less than \$6 per year.

If you do not wish to participate in Operation Roundup, please circle: No to Operation Roundup

Applicant Signature _____ Applicant #2 Signature _____

As recipients of federal assistance, Scenic Rivers Energy Cooperative is required to identify and document as accurately as possible the racial/ethnic data on the eligible population in our service area. Your response is optional. The information you provide will be used only for federal government reporting purposes.

- Racial/Ethnic Group:
- | | |
|--|---|
| <input type="checkbox"/> American Indian or Alaskan Native
<input type="checkbox"/> Asian or Pacific Islander | <input type="checkbox"/> Black (not of Hispanic Origin)
<input type="checkbox"/> Hispanic
<input type="checkbox"/> White (not of Hispanic Origin) |
|--|---|

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Appendix 4: Service Data Form

Service Data Form

231 N. Sheridan Street • Lancaster, WI 53813 • 800-236-2141 • Fax 608-723-2688 • www.sre.coop

Please complete this data sheet to the best of your knowledge. We must have this information to locate your property and properly size your electric service.

SREC-USE ONLY	
Loc#:	_____
Acct#:	_____
Date Rec'd:	_____
WO#:	_____
Name:	_____

Name: _____

Current Mailing Address: _____

Service Location Address: _____
(include Fire # if possible) Fire # and Street Address

Phone: _____
Daytime Evening

E-Mail Address: _____ **Mobile/Cell #:** _____

PROPERTY INFORMATION

Description: Mobile Manufactured Modular Conventional Pole Shed Other

Location: _____
County Township Section

Your nearest neighbor: _____ **is** _____ **ft.** **from your location**
Name/Address N-S-E-W

Does your work require the UDC Electrical Inspection Certificate? Yes No
(An answer is required. If you can't answer this question, please contact your town clerk/chair or county zoning department.)

TYPE OF SERVICE DESIRED:
 Permanent
 Temporary/Construction - Construction Company
 Temporary/Construction - member-supplied
 Overhead service preferred
 Underground service preferred
 200 amp 320 amp 400 amp 600 amp

CONTRACTOR NAME(S) AND PHONE NUMBER(S):
Building contractor: _____
Electrical contractor: _____
 Please contact my _____ contractor
Building or electrical
 I am doing my own wiring
 I would like to meet a Scenic Rivers engineer on site

LOCATION OF ELECTRIC METER (Bypass meter required):
(See reverse side for meter location sketch)
 Underground post/pedestal

ELECTRICAL APPLIANCES & EQUIPMENT:
(CHECK ONLY THOSE THAT WILL BE ELECTRIC)
Transformer or service wire upgrades due to incorrect load information may result in added charges.

DUSK TO DAWN LIGHT DESIRED:
 Dusk to Dawn pole needed*
 LED 74 watt light

KW = wattage x 1,000
 ☼ Water heater gallons _____
 ☼ Central air size _____
 ☼ Heating kw/type _____
 ☼ Off-Peak Heat kw/type _____

*If underground service to dusk to dawn light is preferred, a per foot fee for trenching will apply.

OTHER LARGE ELECTRIC APPLIANCES OR EQUIPMENT
(include kw if known, attach separate sheet if necessary):

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Service Data Form

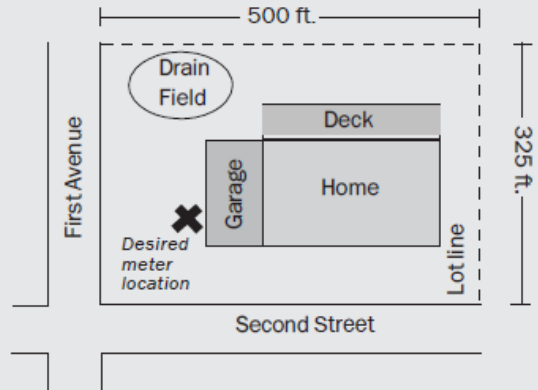
231 N. Sheridan Street • Lancaster, WI 53813 • 800-236-2141 • Fax 608-723-2688 • www.sre.coop

Please indicate in box below:

- 1) Lot line
- 2) Lot dimensions
- 3) Location of house relative to street
- 4) Desired location of meter(s), as indicated by an "X."
Meter cannot be located on structures, in an area where it will be blocked by future construction. Must be within 20 feet of the transformer.
- 5) Septic and drain field, and all other conflicts

The actual line route and location of the meter will be dictated by the location of Scenic Rivers power source. Please consult with the cooperative before installing the meter socket.

EXAMPLE DRAWING:



Scenic Rivers Energy Cooperative

Wiring/Service Specifications and Recommendations

Appendix 5: Line Department Service Structure

Service requirements and fees are subject to change at any time.

Line Department Service Structure	
**Non-refundable staking fee will be required to be paid prior to any site visit	*
**The staking fee is applied towards the Electric Service Agreement for a period of 1 year	*
<u>Electric Service Agreement Fees - Single Phase / Permanent Structure</u>	
Service Installation Fee 2S meter	*
CIAC /foot cost	*
<u>Electric Service Agreement Fees - Single Phase / Non-Permanent Structure</u>	
Service Installation Fee 2S meter	*
CIAC /foot cost	*
Add/Move Enclosure/Pole 1 Phase/3 Phase	*
Road Crossing / Bore Fee (plus any local fees)	*
Temporary Service Charge + Monthly Facility & Usage	*
Misc./Special Circumstance Costs	*
Directional boring charge will be applied when plowing isn't feasible	*
Frost charge may apply Nov 1 st to April 1 st or until frost conditions do not exist	*
Rocky/wet conditions or special circumstances may lead to additional costs	*

*For current pricing, visit our website (www.sre.coop) or contact our Line Department at 608-723-2121 or 800-236-2141 extension 564.

Additional Fees

- If a new service is connected to an existing installed line of less than five years of age, the new member may be required to pay a share of the initial cost of installing the original line.
- In addition to normal line extension rates, any fees such as local permits charged to Scenic Rivers Energy Cooperative (SREC) for extending and constructing the electric service to a new location will be passed on to the member requesting the service.
- There will be an additional charge for boring under obstructions (i.e. roads, driveways, waterways) for underground installations.
- Services to signs, traffic lighting and storage rental units may incur additional charges dependent upon construction requirements.
- For underground service performed after November 1 and until winter conditions cease, the following additional charges and requirements will apply:
 - There is an additional charge per foot for winter conditions that impede progress of the installation. There also may be an additional labor and/or equipment charge associated with digging our lines into equipment that is required due to frost such as transformers, enclosures, or the meter socket.
 - Other options are available such as temporary overhead installation.
- Brushing Fees will apply when proposed route warrants clearing (40 ft path for Overhead, 20 ft path for Underground).
- Road permit fees from Township/County are an additional cost.

Special Notes

- Once full payment is received and all service requirements are met, extensions are scheduled on a first-come, first-served basis. For emergency requests of installation of electric service, there will be a three business-day minimum wait for locating underground utilities through Digger's Hotline.
- Signed Easements required prior to any construction.

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Appendix 6: Service Checklist

Service Checklist

- Contact Scenic Rivers Energy Cooperative (SREC), schedule an appointment if necessary.
- Complete and sign Application for Membership & Electric Service (see [Appendix 3](#)) form and new Service Data form (see [Appendix 4](#)), along with any required staking fees and costs.
- Locate the septic system, underground cables, and any other private underground facilities owned by you on your property. Exposing any private facilities in the flagged path is recommended. SREC is not responsible for any damage due to unmarked or incorrectly marked private facilities.
- Review proposed cable route staked with white flags by SREC engineer. If you wish to meet with the engineer while staking, please request an appointment. Flags shall not be moved without SREC authorization.
- Credit check performed and any required deposits will be added to costs.
- Complete (in black ink) the right-of-way easement form with complete legal description, parcel I.D. number and have your signature notarized. Faxes cannot be accepted by the register of deeds for recording. SREC may assist in this process if able to obtain at first contact.
- If a dusk to dawn light is desired, request a dusk to dawn light agreement form and complete.
- Return all completed forms to SREC.
- Have your electric service with approved meter socket wired to SREC and code specifications. Additional charges apply to a second trip if not wired correctly, or service is not completed.
- Complete and submit the Uniform Dwelling Code Electrical Inspection Certificate, which has been signed by the building inspector – if an inspection is required. If an inspection is not required, have the person doing the wiring complete and return an SREC Wiring Affidavit/Certificate of Electric Inspection (see [Appendix 2](#)).
- Provide a clear, unobstructed path for SREC electric cables, and notify SREC of stump or demolition burial areas on your property.
- The grade and landscaping of your property must be within four (4) inches of final grade.
- Construction fees and any required deposits must be paid before SREC will schedule electric service construction. SREC will notify you of fees due once we receive the above forms.
- Meter socket / Pedestal installed and inspected.

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

- ❑ Notify SREC when all the above requirements are met. SREC will schedule a preconstruction inspection to ensure job is ready to be built when all requirements have been met. Additional trip charges shall apply if SREC is notified that the service is ready for connection and it is not ready when the crew installs line extension.

Appendix 7: Overhead Conductor Clearances

Please check with Scenic Rivers Energy Cooperative (SREC) for current clearance requirements for any new buildings or structures constructed near SREC facilities. Code changes and crane rules have increased clearance requirements considerably. Any new construction which is in violation of current clearance requirements will be the responsibility of the owner of said facilities. This includes costs for any changes required to meet the current codes and industry standards SREC is required to abide by.

See table below for **secondary** clearances

Triplex wire vertical clearances (0-750 volts) to:	
Object	Distance*
RR Tracks	24ft.
Roads, Streets, Alleys	16ft.
Driveways, Parking Lots	16ft.
Land that could have vehicular traffic	16ft.
Land with restricted traffic	12ft.
Water, ponds, streams, etc. (consult electrician)	From 14ft. to 37.5ft.
Swimming Pools	22.5ft.
Roofs within 6' of mast	18"
Roofs more than 6' from mast	3'
Roof crossing not attached to mast	3.5'
Signs, chimneys, antennas	3.5'

* These are minimum clearances for low voltage lines only.
 Contact your local Cooperative for assistance and more detailed information.

Please contact SREC prior to any grain bin construction near SREC facilities and lines. This will avoid any conflict or costs to the members for building too close to SREC lines.

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Appendix 8: Right-of-Way Specifications

Right-Of-Way Width Specifications

Scenic River Energy Cooperative's (SREC) **Rural** right-of-way widths are 20 feet from the nearest conductor (both single and multiphase lines), measured perpendicularly from the centerline of the nearest conductor outward 20 feet in both directions.

SREC's **Urban** right-of-way widths are 15 feet from the nearest conductor (both single and multiphase lines), measured perpendicularly from the centerline of the nearest conductor outward 15 feet in both directions. Exceptions to the above, as designated by the authorized SREC representative.

The following guidelines have been established for SREC's right-of-way program:

Definition of Right-of-Way Location:

Rural: Defined as any primary lines not within a maintained lawn area near approved lakeshore, dwelling, or business including the primary maintained driveway entrance.

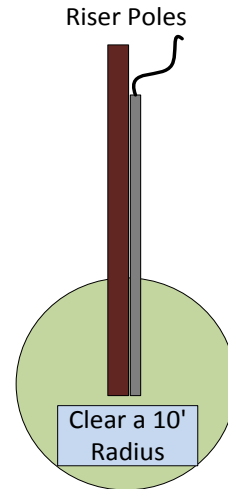
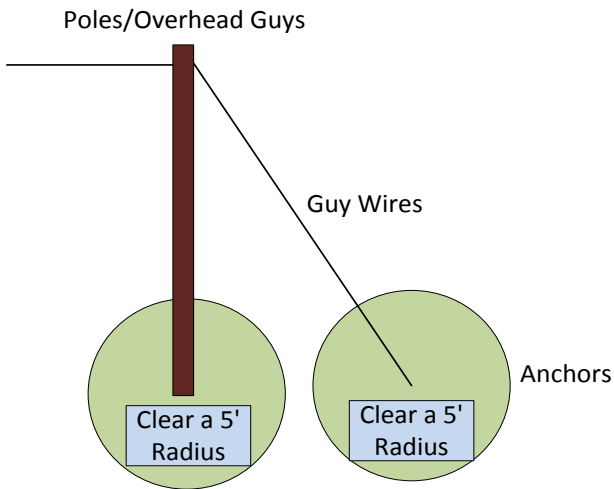
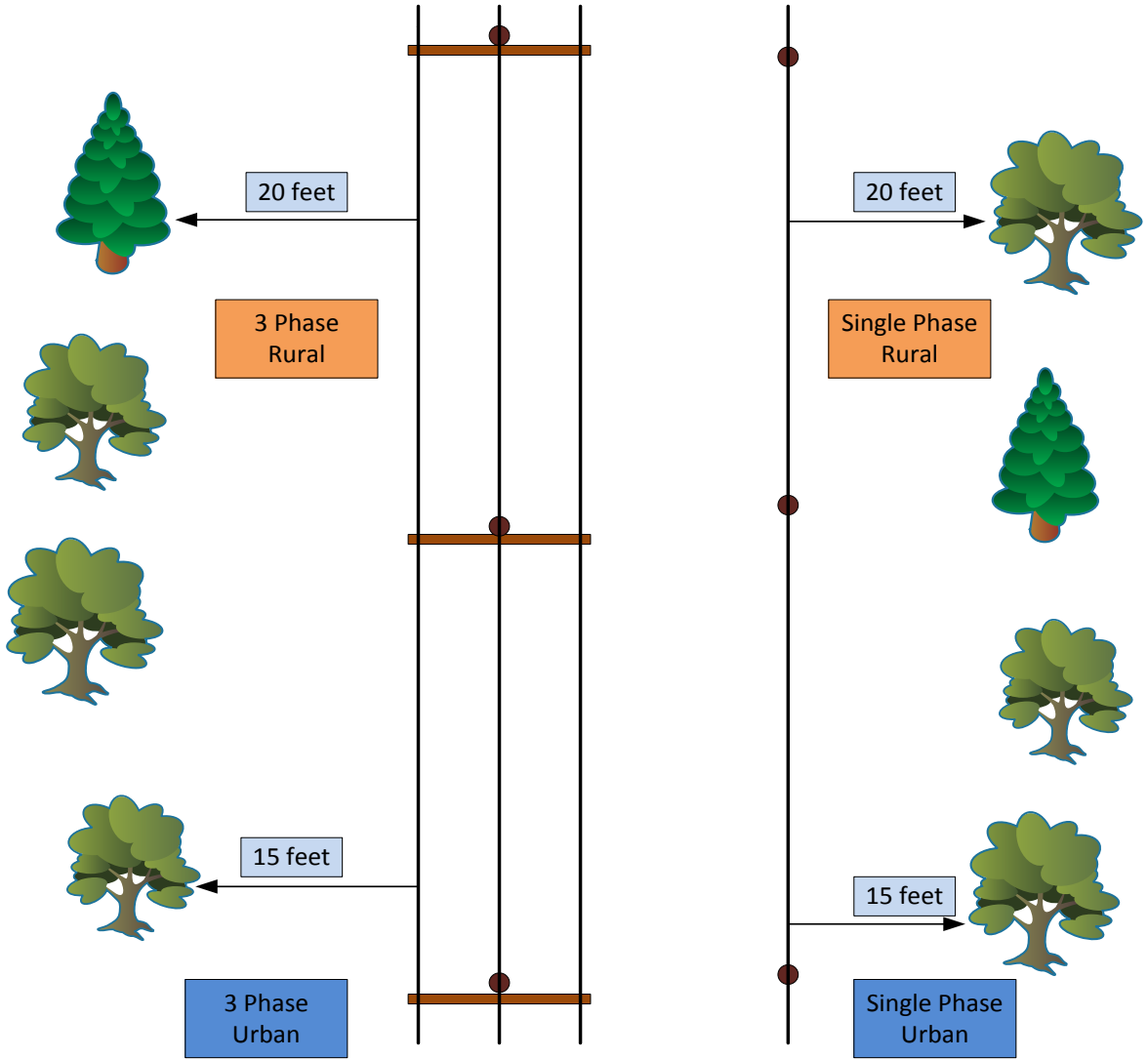
Urban: Defined as any primary lines within a maintained lawn area near approved lakeshore, dwelling, or business *excluding* the primary maintained driveway entrance.

- Only if line is the same side of public road as buildings and it is the same property owner. Cover only the area under the line that is the frontage of the maintained yard area. Not meant to include areas other than parallel to a lakeshore, dwelling, or business.
- Right-of-way on which past vegetation maintenance practices have established *wider limits* shall be maintained to the full extent of the previously maintained width.
- The Contractor shall designate the edges of the desired right-of-way with flagging or other acceptable marking, as required, to maintain a uniform width as specified by the contract documents, attachments, or authorized SREC representative.
- ***Pine Plantations*** or tree/trees that had been planted by a landowner shall be considered as an Urban definition.
- Underground right-of-way is 10' on either side of the line.

Please see **next page (Appendix 8.1)** for the drawings of both the rural and urban line clearance specifications:

Scenic Rivers Energy Cooperative
 Wiring/Service Specifications and Recommendations

Appendix 8.1: Right-of-Way Clearing Guide



Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

Appendix 9: Approved Equipment List

All meter sockets shall be a minimum 200 amp rating with 4 terminals. (No matter what size the load) with overcurrent protection at the service point. **Equipment subject to change without notice. Please contact SREC for approval of all metering equipment prior to installation.**

200 Ampere, Single-phase meter sockets catalog numbers:

Milbank: U1773-XL-TG-KK or U7040-XL-TG-KK-ALT
Cutler Hammer: UHTRS233CCH
Landis & Gyr: UAT417
Square D: UTRS213B
Erickson: CU414
Durham: UT-RS213CMP

200 Ampere, Single-phase meter pedestal catalog numbers:

Milbank: U5136-0-200S-ALT
Cutler Hammer: 1008846CH w/ ARP00119CH
Landis & Gyr: UAP317-PPWI

320 Ampere, Single-phase meter sockets catalog numbers:

Milbank: U1779-RRL-K3-K2-ALT or U3000-0-K3L-K2L-ALT
Cutler Hammer: UTH4330UCH
Landis & Gyr: 48104-82WI
Durham: UT-H4309U

320 Ampere, Single-phase meter pedestal catalog numbers:

Milbank: U3849-0-2/200 or U3849-0-200-100-ALT
Cutler Hammer: 1009018CH
Landis & Gyr: 47604P-9WI
Square D: UTH4330T

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

All Single-phase 120/240 Volt, 400 amp and above current transformer rated sockets will be 6 terminals and include prewired test switch:

Milbank: UC7532-XL-401-ALT with factory wired test switch (TS07-0105)

Single-phase 120/240 Volt, Current Transformer enclosures for overhead and underground services above 200/320 Amps:

	<u>AMP</u>	<u>Erickson</u>	<u>Galva Closure</u>	<u>EMI</u>
400 Amp:	ALICT4-3L	CT41 ALI	ALI-413UGBX	ALICT140
600 Amp:	ALICT6-3L	CT61 ALI	ALI-613UGBX	ALICT160
800 Amp:	ALICT8-3L	CT81 ALI	ALI-813UGBX	ALICT180

Scenic Rivers Energy Cooperative
Wiring/Service Specifications and Recommendations

All Three-phase Current Transformer rated meter sockets will be 13 terminals and include prewired 10 pole test switch:

Milbank: UC7449-XL-871-ALT with factory wired test switch (TS10-0109)

Three-phase 120/208, Current Transformer enclosures for overhead and underground services:

	<u>AMP</u>	<u>Erickson</u>	<u>Galva Closure</u>	<u>EMI</u>
400 Amps:	ALICT4-4L	CT 44 ALI	ALI-434UGBX	ALICT340
600 Amps:	ALICT6-4L	CT 64 ALI	ALI-634UGBX	ALICT360
800 Amps:	ALICT8-4L	CT 84 ALI	ALI-834UGBX	ALICT380
1200 Amp:	ALICT12-4-L	CT 12-4 ALI	ALI-1234UGBX	ALICT312

Three-phase 277/480, Current Transformer enclosures with step down Voltage Transformer provisions for overhead and underground services: **(PT/VT Cabinets are required if no provisions available in the CT cabinets)**

	<u>AMP</u>	<u>Erickson</u>	<u>Galva Closure</u>	<u>EMI</u>
400 Amp:	ALIPCT4-4L	CT44-PT ALI	ALI-464UGBX	ALICT340P
600 Amp:	ALIPCT6-4L	CT64-PT ALI	ALI-664UGBX	ALICT360P
800 Amp:	ALIPCT8-4L	CT84-PT ALI	ALI-864UGBX	ALICT380P
1200 Amp:	ALIPCT12-4-L	CT12-4 PT ALI	ALI-1264UGBX	ALICT312P

Other enclosures that incorporate overcurrent protection may be considered only if SREC approves all specifications. Overcurrent protection with the proper FCI rating is required in conjunction with CT cabinets. (Must be UL listed)

Special Note: Equipment requirements may change at any time, please contact our line department for current approved equipment.

Scenic Rivers Energy Coop
WIRING/SERVICE SPECIFICATIONS AND RECOMMENDATIONS

Appendix 11: Dusk to Dawn Light FAQ's

Dusk-to-Dawn Lights Frequently Asked Questions

How much does it cost to install a Dusk-to-Dawn light from Scenic Rivers Energy Cooperative (SREC)?

It depends on the location that you want the light to be installed. There is no charge to install a Dusk-to-Dawn light on an existing pole that has an available power source and is approved by (SREC). If a pole needs to be installed and wire extended to it from an approved power source (usually the transformer), today's installation cost is \$275 plus \$2.10 per foot of extension. This distance can be no greater than 150 feet. If there is the need for the installation of a transformer, there is an additional fee.

What types of lights are available and what is the monthly cost?

Dusk-to-Dawn lights installed by SREC are all 74 watt LED. (Subject to change)

- 74-watt LED - \$0.43 per day.
- 100-watt - \$0.43 per day/ existing lights only
- 150-watt - \$0.45 per day/ existing lights only
- 175-watt mercury vapor - \$0.46 per day/ existing lights only
- 250-watt mercury vapor - \$0.51 per day/ existing lights only

The monthly fee includes all electric usage, needed maintenance and replacement if necessary. (Light sizes and rates are subject to change)

Where can a Dusk-to-Dawn light be installed?

SREC's Dusk-to-Dawn lights are normally installed on existing poles where electric service is already available. If a transformer or pole does not exist near the desired light location, one may be installed for an additional charge. An estimation of cost will be provided to you prior to the installation of the light. SREC's Dusk-to-Dawn lights can only be installed on a SREC pole and the distance from an approved power source cannot be greater than 150 feet.

Can I have a switch put on my Dusk-to-Dawn light?

Unfortunately not, the monthly maintenance fee includes electric usage, needed maintenance and replacement if necessary. Installing and maintaining a switch would raise the cost of the installation and also the monthly fee. Therefore, having a switch would not save you any money. If you would prefer a Dusk-to-Dawn light that can be controlled by a switch, you should contact an electrician for the installation of a privately owned Dusk-to-Dawn light.

Why are the new Dusk-to-Dawn lights yellow? Are the old white lights still available?

The older fixtures that cast a white light, known as mercury vapor lights, are very inefficient and have been identified by the EPA as harmful to the environment due to mercury content in the bulb. They are no longer sold in the U.S. and components to maintain them are also unavailable. The Sodium lights cast a more yellow light and are also being discontinued. New energy efficient LED lights are replacing all existing lights as replacements are needed. The LED lights cast a white light.

How do I get a light installed?

If you are interested in having a Dusk-to-Dawn light installed, please fill out a Dusk-to-Dawn light application, print, sign and send it to SREC.

What if I decide to make a change to the Dusk-to-Dawn light after installation?

If, after initial installation, a request is made to either upgrade or downgrade the light size or change the direction of the light on the pole, a \$75.20 charge will apply. If, at any time, the Dusk-to-Dawn light pole is requested to be relocated, a fee of \$275 plus \$2.10 per foot for the line extension will apply.

Can I have my Dusk-to-Dawn light turned off?

Dusk-to-Dawn lights are not controlled by switches. Therefore, if a member wants a Dusk-to-Dawn light turned off, SREC removes the light from the pole. If the pole is only there for the purpose of the Dusk-to-Dawn light, SREC will remove the pole as well. There is no cost to the member to remove the light or the pole provided that the one-year minimum service use requirement of the Dusk-to-Dawn light agreement has expired. If the member decides that he/she wants the Dusk-to-Dawn light reinstalled, a new one-year minimum use agreement would be required. If a pole needs to be reinstalled, a new installation fee would be assessed. If a suitable pole is available, only a trip charge would be assessed.

For more information about Dusk-to-Dawn lights, call SREC at 800-236-2141, ext. 564.