

**SANTEE ELECTRIC COOPERATIVE, INC.
LINE EXTENSION POLICY – LEP**

S. C. 28 Williamsburg

Effective for service rendered on and after June 1, 2018

PURPOSE

The purpose of this line extension policy is to govern the construction of distribution line extensions to all residential, commercial and industrial customers.

PROVISIONS

Abnormal Services – Abnormal services include the request for special facilities over and above those normally provided by the Cooperative for standard construction methods. Standard construction methods to include the Normal Point of Delivery shall be determined by a Santee Electric Cooperative representative. Construction methods that require the Cooperative to employ additional labor, materials and/or equipment are included (but not limited to) abnormal services. The Cooperative will own and maintain all materials and equipment up to the Normal Point of Delivery. The service weather head and related materials and equipment beyond the POD shall be furnished, owned and maintained by the member/owner.

The following conditions are examples of abnormal constructions:

- Boring under roadways, patios, sidewalks and other paved areas
- Extending services beyond the normal point of delivery
- Additional facilities required at the request of the member to build a line extension for an alternative route other than the standard route, as determined by the cooperative
- UG construction vs OH construction as determined by the cooperative
- Requiring specialized equipment, labor and materials for adverse conditions
- Removing physical obstructions which impede standard construction methods
- Other abnormal engineering design practices and abnormal conditions

CONTRIBUTION-IN-AID-OF-CONSTRUCTION (CIAC) BASIS

The contribution-in-aid-of-construction, or CIAC, is a fee paid by the customer to help cover the costs of extending the Cooperative's electrical distribution facilities. The CIAC is non-refundable and should be paid in accordance to the terms of an executed CIAC Agreement. The CIAC will be determined by the Cooperative based on the construction in accordance to this LEP as determined by an engineering estimate prepared by the engineering department.

CONTRIBUTION-IN-AID-OF-CONSTRUCTION (CIAC) FEES

- **Construction and Design** – collect CIAC from customer for cost difference between the standard and abnormal construction methods
- **Abnormal POD (UG Service)** – collect \$6 per foot for additional underground service lateral beyond the normal POD as determined by a Santee Electric Cooperative representative
- **Abnormal POD (OH Service)** – collect \$1.50 per foot for additional overhead service length plus \$300 for each additional secondary service pole beyond the normal POD as determined by a Santee Electric Cooperative representative
- *(Additional costs may be incurred if Primary Extension is required)*

METER BASE LOCATIONS

A Santee Electric Cooperative representative shall spot all meter base locations. Unless otherwise designated by the Cooperative, the normal POD shall be at the outside wall of the end of the structure closest to the Cooperative's facilities and the customer's premises.

LINE EXTENSION SERVICES

Construction cost will be determined by an engineering estimate utilizing the Cooperative's engineering standards and guidelines up to the normal point of delivery. This engineering estimate will determine those cost allocated to the line extension request compared to a credit as outlined below. If a CIAC is required based on the engineering estimate, a CIAC Agreement will be required, which will outline the terms of payment(s).

Residential Dwellings (Single Phase) - Up to a \$4000 Credit

General Service (Small Single Phase) - Up to a \$1000 Credit

General Service (Large Single Phase) - Up to a \$4000 Credit

Three Phase Service – The credit will be up to the estimation of 24 months of revenue as determined by the engineering department

OVERHEAD SERVICE (Construction or Temporary)

- **Construction (OH)** - no charge to customer for a single-phase overhead service lateral for the purpose of constructing a building or other service establishment. Collect installed costs plus removal cost minus salvage value of the facilities installed in excess of one point of delivery per permanently-installed transformer location. Primary line extensions will have to be evaluated.
- **Temporary (OH)** – collect the greater of \$50 from customer for single phase overhead service lateral or total cost less the salvage value to install and remove facilities needed for less than a 12-month period.
- *(See Provisions on page 1 referencing additional charges for Abnormal Services)*

UNDERGROUND SERVICE (Construction or Temporary)

- **Construction (UG)** – no charge to customer for a single-phase underground service lateral up to five feet for the purpose of constructing a building or other service establishment. Collect installed cost plus removal cost minus salvage value of the facilities installed for all other types of construction services per permanently-installed transformer or pedestal location. Primary line extensions will have to be evaluated.
- **Temporary (UG)** – collect the greater of \$50 from customer for up to five feet of UG single-phase secondary service from existing UG facilities or total cost less the salvage value to install and remove all other type distribution service facilities
- *(See Provisions on page 1 referencing additional charges for Abnormal Services)*

LINE CONVERSIONS

Line conversions include the conversion of existing overhead distribution facilities to underground distribution facilities. Customer will normally pay the amount by which the construction cost exceeds 24 months estimated additional revenue as prepared by an engineering estimate.

LINE RELOCATIONS

Line relocations include the relocation of existing distribution facilities for the customer's convenience. Customer will normally pay the amount by which the construction cost exceeds 24 months estimated additional revenue. Santee Electric Cooperative will abide by local county codes and the National Electric Safety Code at all times. The Cooperative may elect to relocate existing overhead and/or underground facilities to comply with local or national codes, which may be at the customer's expense if they contribute to creating the violation.

UNDERGROUND RESIDENTIAL DEVELOPMENTS

Underground Residential Developments (URD) include planned overhead/underground distribution facilities to provide a basic distribution system to serve individual lots normally in excess of 15 lots. The developer and/or owner requesting the distribution facilities shall pay \$10 per foot of single phase primary required. If three phase is required, there may be an additional cost required as determined by the engineering department. A formal URD Agreement is required and the developer will follow the General Specifications for Underground Services supplied by the Cooperative.

UNDERGROUND COMMERCIAL AND INDUSTRIAL DEVELOPMENTS

Underground Commercial and Industrial Developments (UCID) include planned distribution facilities to provide three-phase underground service to permanent large commercial and industrial establishments typically greater than 501 kVA. The Cooperative, for all applications, must conduct an economic feasibility study. If economically feasible, distribution facilities will be installed based on established rates and the

Cooperative's Service Rules and Regulations. The developer and/or owner requesting the distribution facilities will normally pay any amount by which the construction cost is greater than 24 months the estimated revenue for the entire UCID, plus any estimated abnormal construction costs as determined by a Santee Electric Cooperative representative. A formal Service Agreement is required.

STANDARD SUPPLY VOLTAGES

Standard Supply Voltages include the installation and maintenance of defined voltage classes based on one system of alternating current at 60-cycles per second (HZ). Voltages provided are nominal and in accordance with the cooperative's service rules and regulations, as well as, the latest ANSI Standards (currently ANSI C84.1-2011). The customer shall consult the Cooperative before purchasing equipment or wiring for service to insure voltage compatibility.

STANDARD SECONDARY AND PRIMARY VOLTAGES

The standard secondary voltages provided are nominal:

- 120¹ – not recommended for load in excess of 20 amperes
- 120/240¹ – not recommended for metered demand in excess of 100 kW²
- 240/120 – not recommended for metered demand in excess of 300 kW²
- 208Y/120 – not recommended for metered demand in excess 500 kW²
- 480Y/277 – recommended for load over 74 KVA

The standard primary voltages provided are nominal:

- Single phase, 2-wire, 7,200 volts or 14,400 (subject to availability)
- Three phase, 4-wire, 12,470/7,200 volts or 24,940/14,400 (subject to availability)

¹Single phase voltage – all other voltages three phase

²Additional facilities charge may be applied for load exceeding recommended level

STREET LIGHTING SERVICE

Street Lighting Service includes the construction and upgrade of public lighting to dedicated public streets, highways, public parks, recreation facilities, and public parking lots. The Cooperative will extend and maintain overhead and underground lighting facilities to serve leased lighting fixtures mounted on Cooperative-owned poles based on standard construction methods and in accordance to the current Cooperative rate schedules.

AREA LIGHTING SERVICE

Area Lighting Service includes the construction and upgrade of outdoor lighting by means of LED, and other approved lighting units to any member/owner served by the Cooperative. The Cooperative will extend and maintain overhead and underground lighting facilities to serve leased lighting fixtures mounted on Cooperative-owned poles, based on standard construction methods and in accordance to the current cooperative rate schedules.

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