

## **Electric Line Extension and Electric Meter Connect Policy**

It is the City's electric utility's policy to collect all costs for line extensions and infrastructure additions, upgrades and retirements required to serve based on a service application. This Electric Line Extension and Electric Metering Policy shall be applicable to the entire City of Kings Mountain's electric service territory as defined by the North Carolina Utility Commission (NCUC).

The City of Kings Mountain will design, procure materials and install electric distribution infrastructure based on a service request. The electric infrastructure design and installation shall follow the electric utility's engineering and construction standards, Unified Development Code of City of Kings Mountain and the latest edition of the National Electric Safety Code (NESC) and National Electric Code (NEC).

The line extension fees and the electrical connect fees for all the electric service requests shall be based on the following 4 step process:

### **Step I: Line Extension Application**

Applicants shall submit a Line Extension application provided by the City of Kings Mountain along with the required line extension application fee of \$300.00. The application fee is non-refundable. A Line Extension application shall be submitted on the required form and include the site development plan, construction plan and additional detailed electric load data (if required). It is the applicant's responsibility to make sure that the site development plan, construction plan and electric load data submitted are accurate and up to date as any subsequent changes will result in additional engineering costs and line extension fees to the applicant.

Upon receipt of the application, the application fee, and the required information, the electric utility shall complete a detailed engineering analysis and design of the electric distribution infrastructure which forms the basis for the Line Extension Fees. Additional costs listed below are included in the line extension fees if applicable. Detailed breakdown of the line extension fees is provided in the Cost Estimate letter. The Cost Estimate letter and the line extension fees will be valid for a period of 90 days from the date of issue of the letter.

Any changes to the site development plan, construction plan and electric load data after the cost estimate letter is issued will result in additional engineering costs and potential changes in the line extension fees that the applicant is responsible for.

**Single Family Residential including Detached Multi-family and Duplexes**

Fee Per Dwelling Unit	\$0,000.00
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\*The Fee per Dwelling Unit includes the applicable labor, material and engineering costs required to provide standard electric distribution infrastructure at the service location. This includes the conductor, transformers and metering equipment associated with the electric service. The additional costs (if applicable) are outlined below. The electric meter connect fees are separate and are not included in the line extension fees. The Fee per Dwelling is figured by means of total cost of infrastructure, divided by total number of dwellings built per development.

The fee per dwelling unit shall be reviewed at least annually to adjust for changes in labor, material and engineering costs required to provide standard electric distribution infrastructure at the service location. Any proposed increases greater than 5% from the existing fee shall be approved by the City of Kings Mountain's City Council.

**Residential Multi-Family Development (Apartments)**

Fee Per Multi-Family Unit	\$0,000.00
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\* The fee per multi family unit includes the applicable labor, material and engineering costs required to provide standard electric distribution infrastructure at the service location. This includes the conductor, transformers and metering equipment associated with the electric service. The additional costs (if applicable) are outlined below. The electric meter connect fees are separate and are not included in the line extension fees. The Fee per Dwelling is figured by means of total cost of infrastructure, divided by total number of dwellings built per development.

The fee per multi family unit shall be reviewed at least annually to adjust for changes in labor, material and engineering costs required to provide standard electric distribution infrastructure at the service location. Any proposed increases greater than 5% from the existing fee shall be approved by the City of Kings Mountain's City Council.

**All Other Requests**

Line Extension fees for all other requests shall be calculated based upon the detailed engineering analysis and design of electric distribution infrastructure and will include the applicable labor, material and engineering costs required to provide standard electric distribution infrastructure at the service location. This includes but is not limited to the conductor, transformers, metering equipment and all other equipment associated with the electric service. The additional costs are outlined below.

### **Additional Costs:**

The following costs, if required, will be included in the line extension fees and are the responsibility of the Applicant:

1. The extension and/or upgrade of three-phase electric power lines to serve new load.
2. The relocation and/or upgrade of any existing underground or overhead electric facilities.
3. The retirement of existing electric infrastructure.
4. Installations that require temporary power.
5. Additional permits required to serve the service location. (NCDOT, Railroad, environmental etc.)
6. System protection devices necessitated by the developer/service request and/or required to meet the utility design guidelines and NESC.
7. Advanced Metering Infrastructure Costs.
8. Civil infrastructure Installation (installed by developer/customer) inspection costs.
9. Specialized power quality/power factor devices required by the developer/service request and/or required to meet the utility design guidelines and NESC.
10. Dual feeds required by the developer/service request. In the case of a dual/redundant feed, the customer shall be required to pay the applicable monthly stand by rate as negotiated in the service contract.
11. Any requirements needed to comply with the electric utility's engineering and construction standards and Unified Development Code of City of Kings Mountain.
12. Costs associated with auxiliary service locations such as serving club houses, pumping loads, pools, signage, mail kiosks etc.
13. Any non-standard costs necessitated by the customer's/developer's service request.

For all line extension requests the following applies:

- The Applicant is responsible for the complete installation and associated cost for necessary civil infrastructure designed to support, protect or convey electric equipment, such as, but not limited to, material and installation of conduit, transformer pads, and meter pedestal pads. The cost for Civil Infrastructure is not included in the Line Extension Fee and is an obligation of the applicant.
- The City of Kings Mountain's point of interconnection/point of delivery for residential services is the meter pedestal.
- The City of Kings Mountain's standard transformer and meter pedestal installation is front lot line.
- The electric infrastructure shall be designed, installed and maintained in accordance with the City of Kings Mountain's design standards, NEC, and NECS, and the NCUC.

## **Step 2: Issuance of Electric Utility Services Availability Letter**

Within 90 days of issuing The Cost Estimate letter the electric utility requires the payment of 50% of the line extension fees prior to issuing the "Electric Utility Tap Application" that is required by the City of Kings Mountain's Electric department for the approval of the construction plans/site development plans.

Meter Connect Fees for multifamily developments and commercial developments shall be billed and collected along with the line extension fees.

Any design changes requested by the applicant after the issuance of the "Electric Utility Tap Application" shall result in additional engineering costs and potential changes in the line extension fees. The applicant is required to pay the actual engineering costs incurred due to the changes and the updated line extension fees.

## **Step 3: Payment of All Outstanding Line Extension Fees and Engineering Costs**

All outstanding line extension fees and any additional engineering costs (if applicable) shall be paid in full prior to the electric utility installing the electric distribution infrastructure. No material procurement or construction scheduling shall occur until all outstanding Line Extension fees and Additional Costs, if any are paid in full.

Due to the long lead times associated with electric distribution equipment (transformers, conductors, poles, specialized protective equipment etc.) it is recommended to pay all outstanding line extension fees well in advance of the scheduled electric infrastructure installation date.

## **Step 4: Electric Meter Connect Fees. (Per Meter)**

The following electric meter connect fees are applicable to all new services, service relocations, re-builds, upgrades, additions of Kings Mountain Energy Services (KMES), and conversions from overhead to underground and shall be paid by applicant when requesting the electric service to be energized.

The Electrical Connect Fee is based on the City of Kings Mountain's cost to provide the meter, the labor to install the meter, the initial inspection of the meter and related metering and engineering system updates.

1. **Single Phase Power:** Fee assessed and payment due prior to any Building Permit being issued.

0-400 Amps	\$200.00 Meter Connect Fee
Greater Than 400 Amps	Actual Cost of Material

2. **Commercial Three-Phase:** Fee assessed and payment due prior to any Building Permit being issued.

Commercial Three-Phase	Meter Connect Fee – Actual Cost of Material
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Meter Connect Fees for multifamily developments and commercial developments shall be billed and collected along with the line extension fees.