

LEHI CITY

RESIDENTIAL

Electric Service Hook-Up Fee

I. APPLICATION

This service connection fee is for alternating current electric service supplied at approximately 120 or 240 volts through one kilowatt-hour meter at a single point of delivery for all service required on the premises for residential services. Service will be provided at any point on the City electric system where there are existing facilities with adequate capacity. The Lehi City Power Electrical Service Requirements and Guidelines detail the responsibilities of the City and the Customer for new services. Refer to the Line Extension Policy for areas where no electrical facilities exist or where sufficient transformer capacity is not available.

II. GENERAL

The Lehi City Power Department requires an application for service from a new customer prior to the commencement on a new residence. Notice shall be given far in advance of construction so that the necessary hook-up fees can be collected and the connection to the Lehi City electrical facilities can be completed by the time service is required.

Each time a customer is connected to the electrical system for electric service at a point of delivery not previously used, or each time a customer changes his point of delivery, the customer shall be charged a hook-up fee. The hook-up fee will be calculated based on the specific requirements of the requested service. The hook-up fee will cover the installation of service conductors 0' – 100'. The hook-up fee for distances over 100' from the Lehi City Power distribution lines will be covered by the Lehi City Line Extension Policy.

Residential electric service will be underground in new developments. In areas of the city where the electric distribution system is overhead and the customer load is 200 amps or less overhead service is allowed at the choice of the customer. However, if the customer service is over 200 amps, underground service is required.

Each time a customer is connected to the electrical system for electrical service, at a point of delivery used previously by another customer, or each time a customer is reconnected after voluntary disconnection to their same point of delivery, the customer shall be charged a hook-up fee. However, the City reserves the right to review each connection to the electrical system.

Please refer to the current consolidated fee schedule.

LEHI CITY
COMMERCIAL

Electric Service Hook-Up Fee

I. APPLICATION

This service hook-up fee is for alternating current electric service, single-phase or three-phase, supplied at the City's available voltage at a single point of delivery for all service required on the premises for non-residential services. Service will be provided at any point on the City electric system where there are existing facilities with adequate capacity. The Lehi City Power Electrical Service Requirements and Guidelines detail the responsibilities of the City and Customer for new services. Refer to the Line Extension Policy for areas where no electrical facilities exist or where sufficient transformer, secondary conductor, or conduit, capacity is not available.

II. GENERAL

The Lehi City Power Department requires an application for service from a new customer prior to the commencement of construction on a new commercial building. Notice shall be given far in advance of construction so that the necessary hook-up fees can be collected and the connection to the Lehi City electrical facilities can be designed, built and completed by the time service is required.

Each time a customer is connected to the electrical system for electric service at a point of delivery not previously used, or each time a customer changes their point of delivery, the customer shall be charged a hook-up fee. The customer shall provide and install secondary conductors from the source (transformer) to the meter. Conductor from the transformer to the meter shall be sized according to the National Electrical Code (NEC) for the full load capacity of the transformer specified by Lehi City Power. Conductor from the meter into the building shall be sized for the requested service size according to the NEC and engineer-stamped plans.

Commercial electric service will be underground in new developments. In areas of the city where the electric distribution system is overhead and the customer load is 200 amps or less, overhead service is allowed at the choice of the customer. However, if the customer service is over 200 amps, underground service is required.

If the electrical usage of a customer exceeds the capacity of the existing service, a hook-up fee will be charged to upgrade the service. If upgrades beyond the service entrance conductors (i.e. transformer and/or primary feeder) are required, the associated upgrade costs (time and materials) will be billed to the customer.

For services over 400A, the service hook-up fee will be determined by the Lehi City Power Department on a case-by-case basis.

Hook-Up Fee Fund

All funds collected for hook-up fees (both residential and commercial) must only be used for the work associated with the connection of new customers to the electrical system in order to avoid shortage of funds. **Accounting procedures need to be implemented to assure proper allocation and cost tracking of the hook-up fee funds.**

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Service Equipment Maintenance and Ownership Responsibility

All electrical devices, conduit, boxes, conductors, etc., located on the load side of the connection point of the City's service entrance, or service drop conductors to the customer's service conductors or equipment, shall be installed and maintained by the customer at their own expense. The only exception is the City installed metering equipment used to meter the electrical load.

For residential services Lehi City Power is responsible for, owns and maintains the overhead conductor to the weatherhead, or the underground conductor to the meter, and the watt-hour meter. The customer is responsible for, owns and maintains the meter socket.

For commercial services Lehi City Power is responsible for, owns and maintains the watt-hour meter. The customer is responsible for, owns and maintains the conductor from the transformer, and the meter socket.

Please refer to the Electrical Service Requirements and standard drawings detailing the ownership of the most common service entrance types. Also, refer to the Lehi City Power Electrical Service Requirements and standards drawings for additional information and ownership responsibilities for other configurations not included with this document.

Any questions of ownership responsibility should be directed to the Lehi City Power Department.

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Line Extension Policy

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I. APPLICATION

This Line Extension Policy is applicable for all service requirements located in the City at points where existing electrical facilities do not exist or exist but lack adequate capacity to properly serve a proposed load. The line extension policy will be used when a customer (“the Applicant”) requests electric service, which is more than 100 feet from distribution lines owned by the City or where adequate capacity is not available in the existing lines and/or transformers. The line extension policy also applies when a customer requested electric service results in, or is determined by Lehi City Power to require, relocation of power infrastructure.

II. EXTENSION OF DISTRIBUTION LINES

A. Any person or persons, including any sub-divider or developer, desiring to have electrical distribution lines extended or modified, and being willing to advance the whole expense of such extension or modification, may make application to the City by providing:

1. A description of the proposed extension or modification accompanied by a map showing the location thereof;
 2. Electrical load information in sufficient detail to provide the City with full knowledge of the electrical load requirements. For new electrical load requests over 1 MW, the Applicant shall provide an area plan/load study; and,
 3. Pay the whole expense incurred by the City providing such extension or modification, and to advance such payment as said expense shall be agreed upon by the Applicant and the City.
- B. Upon receipt of said application, and before the application is granted, the City shall:
1. Obtain from the Power Department a certified statement showing the estimated cost and expense of making such extension or modification.
 2. Obtain from the Planning or Engineering Manager and, if required, the Engineer a certified statement showing that the electrical facilities have adequate capacity to serve the proposed load(s).
 3. Obtain from the Planner, and, if required, the Engineer, a description of the area and number and type of users that may be served in the future by the extension or modification and the estimated pro-rated share of the cost that should be borne by said future users.
 4. Determine the amount to be charged future users of the extension or modification and what portion thereof shall be reimbursed to the City by future users. Refer to the Line Extension Cost Allocation Methodology.
- C. The City may grant or deny said application as in its discretion seems best for the welfare of existing users in the City.
- D. All line extensions will be designed and shall be constructed in compliance with the Lehi City Power Electrical Service Requirements and Guidelines.
- E. Electric distribution system will be underground in new developments.
- a. Primary distribution lines in areas of the city of new development will be built underground. Where the existing primary distribution system is overhead the line extension may be:
 - i. Continued overhead at the discretion of the city; or,
 - ii. Built underground if required to obtain National Electrical Safety Code (NESC) required clearance.
- F. No system electrical equipment (e.g., transformers/switch) will be installed in underground vaults.
- G. Line extensions may be required to be loop fed in order to meet Lehi City Power requirements (refer to section VIII.)
- H. All Lehi City Power system lines over 15 kilovolts (line-to-line) will be overhead (e.g., transmission at 46 kilovolts and 138 kilovolts.)

- I. Clearance of power system line and components to structures shall be in accordance with the National Electrical Safety Code (NESC). If obtaining the required clearance requires line relocation or burying a line, those costs shall be borne by the entity requesting service.

III. DEPOSIT WITH CITY TREASURER

If the City grants said application, the Applicant and the City shall execute said agreement and the Applicant shall deposit with the City Treasurer 100% of the estimated cost and expense of making such extension or modification as certified by the Power Department before any work shall be done on such extension or modification, within thirty (30) days after the granting of said application, or such other time as the City shall indicate.

IV. RIGHT-OF-WAY OR EASEMENTS

Before any work shall be done on said extension or modification, the Applicant shall furnish at no cost to the City adequate rights-of-way or easements, in the name of the City, for construction and perpetual maintenance and replacement of said extension or modification. Easements shall be unencumbered.

V. APPLICANT'S RESPONSIBILITIES

- A. The Applicant shall be responsible to facilitate the extension or modification of electrical distribution lines by:
 1. Planning the installation of utilities to each lot or site to be served to preclude conflict between other utilities and the electrical distribution lines.
 2. Scheduling and coordinating the actual installation of improvements to allow adequate time for construction of electrical distribution lines.
 3. Notifying the Lehi City Power Department upon completion of adequate site preparation to allow installation of electrical distribution lines.

VI. SITE PREPARATION

- A. The Applicant shall prepare to the site for electrical distribution line installation before notifying Lehi City to install said lines. Site preparation shall include but not limited to:
 1. Installation of curb, gutter, and sidewalk indicating permanent grade.
 2. Markers installed on curb indicating property lines.

3. The area extending from property side of sidewalk away from the street for ten (10) feet leveled to final grade.
4. Conduit shall extend through the property being developed and over the property line into the next property at least twelve (12) inches.

VII. BACKFILL OF UNDERGROUND FACILITIES

The Applicant shall backfill, compact, test, and guarantee the backfill of excavations for underground facilities installed in response to their application. This includes backfilling under existing equipment to install new connections, which the Applicant shall perform while witnessed by Lehi City Power's personnel.

VIII. LOOPED FEED REQUIREMENTS

For developments that are commercial or that have greater than 6 connected transformers, or that are residential that have an ultimate build out of more than 30 lots, the line extension shall be designed with additional sources of connection to the Lehi City power system—a looped feed. In a development that is phased over time, the Applicant shall be responsible to complete the looped feed in accordance with the line extension design.

IX. OWNERSHIP OF EXTENSION OR MODIFICATION

Any such extension or modification shall be deemed the property of Lehi City.

X. LINE EXTENSION FUND ACCOUNTING

Funds collected for line extensions should only be used to install the required line extensions. Procedures should be established to track the costs for line extensions on a project by project basis.

Line Extension Cost Allocation

Methodology

The following outlines the procedures to be used in allocating the cost responsibilities of a given line extension for the various present and future parties connecting to the line extension. Due to the variety of potential situations that may occur each line extension will be reviewed on a case by case basis by the City. The procedures included in this appendix are provided to help assure that the cost for each line extension will be allocated properly.

I. GENERAL PROVISIONS

- A. Line capacities, load levels, line sizing, and system design (e.g., loop feed) shall be as determined by the Power Department and/or the Engineer.
- B. The Power Department, and, ultimately, the City Council reserves the right to review and approve charges for each line extension.
- C. No reimbursement will be provided to the customers for additional connections made to the line extension.

II. LINE EXTENSIONS INITIALLY SERVING A SINGLE CUSTOMER OR DEVELOPMENT

- A. The full cost of the line extension is to be paid by the initial customer.
- B. The initial customer shall only pay for the minimum line size required to serve the customer's load (as required by City Standards). The City may choose to install a line of larger size; however, the "upgrade" portion of the cost will be paid by the City. The upgrade will be based on the need for reliability, efficiency, and/or potential for future load growth in the area.
- C. The line's overall potential capacity will be identified by the Power Department and/or the Engineer.
- D. If an additional customer(s) connects their load to the line extension, and the City installed a line size upgrade, the City shall be reimbursed for a portion of the initial line cost based on the following:
 - 1. The line's overall load capacity.
 - 2. The percentage share of the line capacity used by the new customer or development.
 - 3. The additional customer(s) will not be entitled to future reimbursement.

III. LINE EXTENSIONS SERVING MULTIPLE INITIAL CUSTOMER(S) AND/OR DEVELOPMENTS

- A. The basic requirements and procedures detailed above in Sections I and II shall apply.
- B. Each party shall pay for their percentage share of the line extension. The percentage share shall be based on the parties' percentage share of the total estimated initial load, as determined by the Power Department and/or the Engineer.

IV. LINE EXTENSIONS REQUIRING LOOPED FEED

- A. The basic requirements and procedures detailed above in Sections I and II and III shall apply.
- B. The customer shall furnish at no cost to the City adequate rights-of-way or easements, in the name of the City, for the additional sources of connection as required by Lehi City Power.
- C. In a development that is phased over time, the developer shall be responsible to complete the looped feed as designed.