



950 West 600 North
 Logan, UT 84321
 P: 435-716-9700
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Residential Electrical Power Service

Steps for underground installation and hook-up

Complete the following steps in numerical order:

1. Builder must fill out the Load Data Sheet, to the right, and return it to Logan City's Light & Power Department. We use the sheet to document inspections and size the service wire/conduit. We will not perform the required trench inspections without a Load Data Sheet.
2. Dig a trench (2 foot minimum depth) between the power source and meter equipment.
3. Install the conduit specified by Logan City Light & Power (LCLP) (<200 A = 2", 200 A = 2.5", >200 A = 3"). At the power source, connect to the existing conduit stubbed from the transformer or secondary junction box. The meter riser must be metal and strapped to the foundation. Call LCLP (24 hours in advance) at 435-716-9725 or 435-716-9722 to schedule a required inspection of the trench and conduit prior to backfilling.
4. After you have passed the conduit and trench inspection, cover the conduit with 1 foot of soil or sand (if there is a possibility the conduit may be damaged by backfilling with local soil). Approximately 1 foot directly above conduit, place 6 inch wide red plastic electrical warning tape. Leave a tail of warning tape sticking out of the ground at the meter riser and power source. Backfill the trench to final grade.
5. LCLP will stick a U.G. Service Inspection Verification label to the inside of the meter base upon completion and inspection of the trench and conduit.
6. Call Logan City's Building Dept. for a power to panel inspection. When you pass the power to panel inspection. . .
7. Make sure the service wire is on site. A LCLP crew will return to the building site and install the wire in the conduit, make the connections and set the meter. At this point, you MUST have passed the Building Dept. power to panel inspection. For the wire to be installed, it must be the size determined by the NEC code or LCLP. It must also be long enough to reach from the power source to the meter, plus, 5-6 feet of slack.

Load Data Sheet

Single Family Residential Structure

Underground Electric Service Feed

Architect/Engineer/Builder/Contractor:

Please submit this form for each single-family residential structure to be served by Logan City Light & Power (LCLP) by means of an underground service wire. Using the NEC code to size the service wire is acceptable. However, LCLP can potentially use the information submitted on this sheet to de-rate the wire size upon request. Also, this form is necessary for LCLP to track the required inspections. **LCLP will NOT perform any inspections without this form.** Submit the form by email: gturley@loganutah.org, by fax: 435-716-9701, or by delivery to the address: 950 W 600 N, Logan, UT. By signing this document, you are hereby acknowledging that the information provided is accurate and that you take responsibility for this information up to and including financial cost for the replacement of LCLP equipment due to any inaccuracies contained herein.

Project Address: _____

Company Name: _____

Company Address: _____

Service Size: _____ **Amps** **Size of building:** _____ **total sq. ft.**

Distance between service hookup & meter equipment: _____ **ft.**

Would you like Logan City Light & Power to determine the size of the underground service wire: Yes or No

Name: _____ **Phone #:** _____

Signature: _____ **Date:** _____

Office Use:	Inspection Notes:	Date:
_____	_____	_____
_____	_____	_____
_____	_____	_____