

NEW ELECTRICAL SERVICE GUIDELINES

Electric service policy reference for new construction

This document is intended as a reference for contractors, electricians, and individuals constructing residential or commercial buildings that will receive electrical service from Corn Belt Energy.



Updated June 2012

RESPONSIBILITIES

Establishing new electric service is an integral step in your new construction project. You can help us move forward by familiarizing yourself with the policies outlined in this brochure. We can proceed with construction after your site has been properly prepared according to the standards we've outlined.

Considerable effort is involved in building an electric distribution system. We will attempt to provide this service in a timely manner, all the way from field investigations, system design, project cost estimates, easement, permit and material acquisitions, to construction and meter installation. Costs and charges will be evaluated annually.

Corn Belt assumes no responsibility or liability for any portion of the member's electrical facilities. At the time of their connection to Corn Belt's Distribution System, members assume the responsibility for their electric facilities to comply with the latest adopted standards, codes, ordinances, National Electrical Safety Code, National Electrical Code and inspection authority requirements, whichever apply.

APPLYING FOR SERVICE

Please call Corn Belt Energy at 1-800-879-0339 to initiate your new service request.

Prior to digging, members are responsible for contacting JULIE at 8-1-1 or 1-800-892-0123 for locating all underground facilities.

In planning new facilities or modification of existing facilities, Corn Belt Energy will provide field meetings with the member or their representative to discuss their electrical requirements. Corn Belt will prepare cost estimates for a line extension or modification to our distribution system as promptly as possible.

All charges for a line extension, modification to Corn Belt Energy's distribution system or relocation must be paid prior to construction.

600-1 POLICY OVERVIEW

LINE EXTENSIONS

Cost of any new Corn Belt facilities providing service are the member's responsibility. Corn Belt allows a \$4,400 credit for a residential "standard line extension" when service is not within a subdivision.

TEMPORARY SERVICE CHARGE: \$150

Temporary service meter base must be both set and paid before energizing.

TEMPORARY UP & DOWN SERVICE: \$800

Charge is for installing up to a 25 KVA XFMR and service, and eventual removal.

PERMANENT RESIDENTIAL OVERHEAD SERVICE

Corn Belt will provide standard length overhead service, up to \$600, at no cost to the member.

Additional charges apply for:

- Extra length or capacity; charges vary, determined by Corn Belt Energy.
- Meter pole installation: \$460

PERMANENT RESIDENTIAL UNDERGROUND SERVICE

200 Amp:

NOT in conduit: 50' Free | \$12/ft beyond 50'
IN conduit: 120' Free | \$5/ft beyond 120' * ^

320 Amp: (members with electric heat)
NOT in conduit: 50' Free | \$14/ft
beyond 50'

IN conduit: 120' Free | \$7/ft beyond 120' * ^

Underground service can be provided in an overhead area by member paying a \$600 Service Riser fee.

** Member installed conduit must be installed from the meter base to within 5'-10' of designated source and must be inspected by Corn Belt Energy before being back filled.*

^ Difficult terrain areas, narrow lots, zero-lot-lines, and underground in our Northern Region will require member-installed conduit.

SUBDIVISION DEVELOPMENT

The total investment cost for the installation of Corn Belt Energy's distribution facilities will be the responsibility of the subdivision developer.

Corn Belt Energy generally designs its system utilizing overhead construction. Upon request from the developer, or in those service areas where underground distribution is required by governmental ordinance, we will determine if underground distribution facilities are practical to install and maintain. If so, the developer will be responsible for any additional cost for the installation of underground distribution facilities above and beyond the cost of overhead line construction. Standard Low Voltage Service and transformer costs are excluded from subdivision estimates.

Residential subdivisions will be allowed the cost equivalent of up to one "standard line extension" per lot in determining a refundable deposit for their project, based on the least cost design for the facilities installed within the subdivision. The developer will pay a nonrefundable construction

contribution to Corn Belt to extend its distribution system to the proposed subdivision and for any unusual or extraordinary expenses. *(Individual subdivision lots will not be allowed a future standard line extension credit, because the developer has already utilized that credit.)*

When appropriate, Corn Belt Energy will refund the per lot deposit as specified in the contract. One refund will be allowed for each permanent electric service that is energized, according to the subdivision plan and agreement.

Developers may have the opportunity or in some instances may be required to install conduit at their own expense.

NON-RESIDENTIAL

Line extensions for non-residential co-op members will be performed at the member's expense, excluding the cost of transformation. Low voltage service wire for installations where a self-contained meter is used will be the cooperative's

responsibility at the member's expense. Larger capacity service wire is the member's responsibility. Corn Belt's standard line extension credit is reserved for residential members only.

Cabins, sheds, barns and the like are referred to as "Special Services." These structures will not qualify for the standard line extension credit. Their line extension will require a construction contribution equal to the estimated cost of providing electric service. All other line extension policies will apply.

Corn Belt Energy will extend overhead sub-transmission service to appropriate members within its service territory, provided the member has executed an Electric Service Agreement to provide such service.

When a member requires sub-transmission service and the closest adequate line is owned by a company other than Corn Belt Energy or its wholesale provider, we will represent the member's interest in discussions with the company that owns the Sub-Transmission line, and coordinate all negotiations to accomplish tapping the line.

RESIDENTIAL

STANDARD LINE EXTENSION

is defined as a single-phase overhead line that extends up to 300 feet, excluding the cost for the service, transformer, any abnormal conditions or unusual expenditures. Each member is designated a \$4,400 credit towards the cost of their line extension.

Corn Belt Energy generally designs its utility system utilizing overhead construction. Upon request from the member, we will determine if an underground Line Extension is practical to install and maintain and the member will be responsible for any additional costs for the underground line extension in excess of the cost for overhead construction.

When the extension of Corn Belt facilities requires a meter pole installation or goes beyond a standard service length based on the service entrance size, the estimated additional cost over and beyond the standard single phase service will be considered part of the line extension cost. All charges for a line extension are to be paid prior to construction.

STANDARD SERVICE is defined as the last section of Corn Belt conductor that connects to the member's meter installation, whether overhead or underground. Each new residential member is given a \$600 credit towards the cost of their service.

TEMPORARY SERVICE

\$150 to establish temporary service; Temporary service meter base must be both set and paid before energizing. Estimated cost of additional temporary facilities are at the member's expense.

The cost for installing and eventually removing up to a 25 KVA transformer and service is \$800.

OVERHEAD LINE EXTENSIONS

Corn Belt will provide at no cost a line extension up to \$4,400. The member will be responsible for the cost of any abnormal construction conditions or unusual expenditures. Additional cost, if any, for the requested extension will be collected as part of the construction contribution.

OVERHEAD SERVICE

Corn Belt Energy will provide a standard length overhead service of up to 200 amps of capacity (320 amps of capacity for members with electric heat) at no cost, based on service entrance size.

If a member requests overhead single-phase service longer than the standard length as determined by Corn Belt (based on service entrance size), or service capacity in excess of the standard defined herein or three-phase overhead service, the estimated additional cost over and above the standard single phase service will be considered as part of the line extension cost.

Members requesting an upgrade in service relative to a load addition that would warrant an upgrade will be handled as a new service installation except that a line extension credit will not apply.

METERING

Wiring and meter base specifications are provided by Corn Belt Energy. Members will provide single-phase meter bases, while Corn Belt will make individual multi-phase meter bases available for member purchase. Multi-tenant meter bases must be provided by the member or developer. Meter bases, meter loops and meter risers, and all facilities from the meter to the load, belong to the member and are the member's responsibility to maintain.

UNDERGROUND LINE EXTENSIONS

Corn Belt will provide at no cost a line extension up to \$4,400. The member will also be responsible for all cost in excess of \$4,400, the additional cost of any abnormal construction conditions or unusual expenditures. Additional cost, if any, for the requested extension will be collected as part of the construction contribution.

UNDERGROUND SERVICE

If a member requests underground single-phase service longer than the standard length based on the service entrance size, or service capacity in excess of the defined standard or three-phase underground service, the estimated additional cost over and above the standard single phase service will be considered as part of the line extension cost.

200 Amp:

NOT in conduit: 50' Free | \$12/ft beyond 50'
IN conduit: 120' Free | \$5/ft beyond 120'

320 Amp: (members with electric heat)
NOT in conduit: 50' Free | \$14/ft beyond 50'
IN conduit: 120' Free | \$7/ft beyond 120'

Underground service can be provided in an overhead area by member paying a \$600 Service Riser fee.

CONDUIT

Members may have the opportunity – or in some instances may be required – to install conduit at the member's own expense. Difficult terrain, narrow lots, zero-lot-lines and underground service in our Northern Region will require member-installed conduit for underground service. Conduit must be installed from the meter base to within 5 - 10' of designated source, and materials and installation must meet Corn Belt's guidelines and be inspected by Corn Belt personnel prior to being backfilled. Corn Belt will provide and insert the underground wire in the member-installed conduit. Refer to our Conduit Specs brochure for more details.