



Ameren Illinois Utilities

Preparing For Your New Electric Service

Establishing new electric service is an important step in your new construction project. You can help us keep your project moving forward on schedule by familiarizing yourself with our policies for new residential electric customers, as described in this booklet.

To avoid delays in your project's timeline, use the requirements outlined here as a checklist to ensure your construction site is "site ready." We can proceed with construction after your site has been accepted as "ready" according to the standards described here. If your site does not meet our readiness standards by the scheduled date, we will have to reschedule our construction crews to return at a later time. Ameren reserves the right to physically inspect a site at any time in order to confirm that it is ready.

"Site Ready" for New Electric Service from Existing Transformers

- Customer has requested service be installed by a particular date.
- Customer has provided Ameren any required site drawings or plats.
- The transformer is installed and energized.
- The building has the electric meter base installed, and if overhead service, weatherhead mast and house-knob or bracket attached, or meter pole or post provided, all in accordance with the electric specifications noted below.
- All required building inspections and permits are complete and available for inspection (meter base tagged).
- All required easements and rights-of-way have been provided to Ameren.
- Lot lines, easements, and rights-of-way are clearly marked.
- Any private (non-utility-owned) underground facilities are clearly marked, including wells, cisterns, water lines, sprinkler systems, sewer lines, septic tank lines and laterals, drain lines, drainage tiles, and any other customer underground facilities.
- The lot is within +/- 6 inches of final grade along paths of pipes and wires.
- The site is accessible by utility vehicles and equipment. All possible obstructions have been cleared, including structures, construction materials, fences, vehicles, snow piles, dirt piles, and bushes and trees on the path of installation.
- All Ameren-required contracts and agreements have been signed, and all required fees and deposits have been paid to your Ameren Illinois utility.
- Any past due balances or debts to Ameren have been paid.
- Any other requirements Ameren has identified in advance are complete.
- All required electric line extensions have been completed prior to scheduling new electric service installation.

“Site Ready” for Electric Line Extensions Related to New Services

- Customer has requested extension be installed by a particular date.
- Customer has provided Ameren with any required site drawings or plats.
- All required easements and rights-of-way have been provided to Ameren.
- Lot lines, easements, and rights-of-way are clearly marked.
- Any private (non-utility-owned) underground facilities are clearly marked, including wells, cisterns, water lines, sprinkler systems, sewer lines, septic tank lines and laterals, drainage tiles or lines, or any other customer underground facilities.
- The path is within +/- 6 inches of final grade along paths of pipes and wires.
- The site is accessible by utility vehicles and equipment. All potential obstructions have been cleared, including structures, construction materials, fences, vehicles, snow piles, dirt piles, and bushes and trees on the path of installation.
- Any other requirements Ameren has identified in advance are complete.
- All line extension construction must be complete prior to scheduling of new individual electric service.

“Site Ready” for New Residential Subdivision to be Wired

(Prior to building any homes)

- Customer has requested infrastructure be installed by a particular date.
- Customer has provided Ameren with any required site drawings or plats.
- All curbs and gutters are installed (preferred) and streets at least hard packed.
- All customer/developer-required conduits are installed correctly (Conduit and depth per specification, conduits are clear, location as per drawings, and pull-string in place) and clearly marked or exposed.
- All required easements and rights-of-way have been provided to Ameren.
- All rights-of-way, easements, and lot lines are clearly marked. Easements are provided in accordance with the specifications below.
- Any private (non-utility-owned) underground facilities are clearly marked, including wells, cisterns, water lines, sprinkler systems, sewer lines, septic tanks, tile fields, drainage tiles or lines, and any customer-installed wiring or conduits of any sort.
- All required easements and permits are complete and available for inspection.
- The utility easements are within +/- 6 inches of final grade along paths of pipes and wires.
- The site is accessible by utility vehicles and equipment. All possible obstructions have been cleared, including structures, construction materials, fences, vehicles, snow piles, dirt piles, and bushes and trees on the path of installation.
- All Ameren-required contracts and agreements have been signed, and all required fees and deposits have been paid to your Ameren Illinois utility.
- Any past due balances or debts to Ameren have been paid.
- Any other requirements Ameren has identified in advance are complete.

“Site Ready” for Service to Single New Residential Home

(Not in a pre-wired subdivision)

- Customer has requested service be installed by a particular date.
- Customer has provided Ameren with any required site drawings or plats.
- All streets and drives are graded and finished suitably for driving heavy equipment.
- All curbs and gutters are installed, or lanes and drives clearly marked.
- Lot lines, easements, and rights-of-way are clearly marked.
- Any private (non-utility-owned) underground facilities are to be clearly marked, including wells, cisterns, water lines, sprinkler systems, sewer lines, septic tanks, tile fields, drainage tiles or lines, and any customer-installed wiring or conduits of any sort.
- The building has the electric meter base installed, and if overhead service, weatherhead mast and house-knob or bracket attached, or meter pole or post provided, all per specifications.
- All required building inspections and permits are complete and available for inspection (meter base tagged).
- All required easements and rights-of-way have been provided to Ameren.
- The lot is within +/- 6 inches of final grade along paths of pipes and wires, with no standing water.
- The transformer location is clearly marked, to final grade, and flat.
- The site is accessible by utility vehicles and equipment. All possible obstructions have been cleared, including structures, construction materials, fences, vehicles, snow piles, dirt piles, and bushes and trees on the path of installation.
- All Ameren-required contracts and agreements have been signed, and all required fees and deposits have been paid to your Ameren Illinois utility.
- Any past due balances or debts to Ameren have been paid.
- Any other requirements Ameren has identified in advance are complete.

Meter Attachment Specifications

Electric Meter Pole for Mobile Homes

- Can be a pressure-treated pole or a structure using treated lumber, per utility specifications.
- Minimum of 5 feet in the ground.
- Weatherhead is to be a minimum of 17 feet from the ground.
- Meter base 5 1/2 feet from ground to center of meter.
- Appropriate fuse disconnect with breaker cover plate.
- Ground rod with attached ground wire.
- Anchor and guy required if service length is over 75 feet.
- Circuit box main in “Off” position.
- Meter base location as required by your Ameren Illinois utility.

Electric Meter on Building or Meter on Post

Underground Low Voltage Service

- Installed underground meter base at location determined by your Ameren Illinois utility (fused disconnect if on post).
- Meter base between a minimum of 3 1/2 feet and maximum of 5 1/2 feet from finished grade.
- Expansion joint required in bottom/side knockout (not center knockout) if on building.
- Ground rod with attached ground wire.
- Appropriate wire size from meter base to circuit box in conduit.
- Conduit buried a minimum of 24 inches deep. Install pull-cord in customer-installed conduit.
- Circuit box main in "Off" position.

Electric Meter on Building

Overhead Service

- Meter base located as required by your Ameren Illinois utility.
- Meter base between a minimum of 5 feet and maximum of 5 1/2 feet from finished grade.
- Ground rod with attached ground wire.
- Mast of appropriate size conduit (minimum of 2-inch steel conduit if above roof line) unless local code authority exempts the conduit requirement.
- Appropriate wire size from weatherhead to circuit box.
- Wire from meter base to circuit box in conduit unless local code authority exempts the conduit requirement.
- Circuit box main in "Off" position.

Rights-of-Way and Easement Specifications for Electric Lines

Most of our facilities are located in rights-of-way that have been issued to us by an easement. An easement allows us the right to access the area to construct, operate, and maintain the facilities.

- **Easements should be cleared of all stumps, trees, bushes, shrubs, and overhanging limbs.**
- **No sewer lines, water lines, septic tank lines and laterals, sump pump lines or any other customer underground facilities can be located within the gas/electric easements.**
- **All deeds or easement documents are to be signed, notarized, and returned to Ameren.**

Questions? Call Us:

- **AmerenCILCO (Peoria area) 1.309.693.4694**
- **AmerenCILCO (Springfield/Lincoln) 1.217.735.6920**
- **AmerenCIPS 1.888.789.2477**
- **AmerenIP 1.800.892.7715**