

Ameren Missouri Energy Delivery Information Transfer Document- CDIS & Cable Replacement Work

Return this Document with the Job Package at the completion of this Project

Project (Feeder #, DOJM #, Bore #, etc.): _____

The information listed below is to be shared with any Ameren (Electrical) contractor working on or near Ameren's electrical and distribution systems. The comments sections are for any information that may be pertinent for the contractor outside that which is a direct response to the requirements. This document does not relieve the contractor from their responsibility to perform an appropriate hazard analysis prior to performing work.

Nominal Voltage: Derived from Circuit number; last two digits of Circuit number indicate Voltage

Voltage Code	Voltage (phase to phase)
If numbered 1 thru 20	≤ 5 kV
41 thru 49	69 kV
51 thru 59	6-25 kV
71 thru 89	34.5 kV
For Example: Circuit # 127053 = 12 kV	

Note: Feeder numbers with a NW prefix, such as POP-NW-1, MLK-NW-1, etc. are 13.8kV.

Poles (overhead): Refer to pole tagging protocol for condition of poles upon last inspection.

- In the Secondary gain, assumed to be 600 volts. (1'-1" MAD) unless otherwise known.
- In the Primary gain, assumed to be 24.9kV (3'0" MAD) unless otherwise known.
- In the Sub-Transmission positions, assumed to be 69 kV(4'-0" MAD) unless otherwise known

Pad Mount Transformers (underground):

- Pad Mount Transformer Secondary compartment, assume 600V unless otherwise known.
- Pad Mount Transformer Primary compartment, assume 24.9kV unless otherwise known.
- Secondary/Service cables, assume 600V unless otherwise known.
- Primary cables, assume 34.5 kV unless otherwise known.
- See Utility Asset Management Program (AMP) for known condition of transformers.

Transient Voltage: Corresponding MAD (if line is de-energized, tested and grounded, MAD does not apply)

	Chart applies to qualified electrical workers only	Minimum Approach Distance (MAD)		Grounding Information
		Phase to ground (ft.-in)	Phase to phase (ft.-in)	Minimum Ground Size (Copper)
OSHA Calculated MAD	<input type="checkbox"/> 0.05 - 0.300	Avoid contact	Avoid contact	NA
	<input type="checkbox"/> 0.301 - 0.750	1-1	1-1	NA
	<input type="checkbox"/> 5.1 - 15.0	2-2	2-3	2/0
	<input type="checkbox"/> 15.1 - 36.0	2-7	3-0	2/0
	<input type="checkbox"/> 46.1 - 72.5	3-4	4-0	2/0

Induced Voltage: Due to system design/operation there is always the possibility of hazardous induced voltage.

Equipment Grounds: Refer to Construction Standards Book; Contractor to verify on site.

Grounds for Personal Protection: Not provided for (Electrical) contractor by Ameren; Placement by Ameren and or Contractor requires Worker Protection Assurance (WPA) and contact initiated to Dispatch; Clearing Times: Use minimum 2/0 copper grounds for personal protection

Circuits and equipment, including electric supply lines, communication lines and fire-protective signaling circuits: See Utility Asset Management Program (AMP)

Environment relating to safety (if known) _____

Information about the design and operation of the installation the contractor needs to know to make appropriate assessments related to safety and to protect their employees or requested by the contractor (if known) _____

Contractor Representative Signature: _____

Date: _____