

Ameren Missouri Energy Delivery Information Transfer Document

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

The information listed below is to be shared with any 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 its responsibility to perform an appropriate hazard analysis prior to performing work.

Date:	Click here to enter text.	Time:	Click here to enter text.
Contractor:	Click here to enter text.		
Scope of Work:	Click here to enter text.		
Substation & Circuit:	Click here to enter text.		

The following four requirements (1, 2a, 2b and 2c) are mandatory to be provided to the contractor. Due to system design/operation there is always the possibility of hazardous induced voltage. Refer to pole tagging protocol for condition of poles upon last inspection.

1. Voltage and 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
	Nominal voltage in kilovolts phase to phase	Phase to ground	Phase to phase	* Minimum Ground Size
		(ft.-in)	(ft.-in)	(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"/> 0.751 - 5.0	2-1	2-1	2-0
	<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
Ameren Calculated MAD	<input type="checkbox"/> 46.1 - 72.5	3-4	4-0	2-0
	<input type="checkbox"/> 121.1 - 145.0	3-10	4-10	**
	<input type="checkbox"/> 145.1 - 169.0	4-4	5-5	**
	<input type="checkbox"/> 169.1 - 242.0	5-8	8-5	**
	<input type="checkbox"/> 242.1 - 362.0	8-6	13-6	**

* All substation grounds shall be minimum 4-0 copper unless otherwise identified

** If stipulated by Ameren Representative, then utilize the following information:

Temporary Protective Grounds: Fault Current [Click here to enter text.](#) Clearing Times [Click here to enter text.](#) OR Size [Click here to enter text.](#)

2. Presence of:

- a. Equipment grounds YES NO
- b. Temporary protective (personal) grounds YES NO
(If yes, contractor must call Dispatch)
- c. Circuits and equipment, including electric supply lines, communication lines and fire-protective signaling circuits. YES NO

[Click here to enter text.](#)

The following four requirements (3a, 3b, 3c and 4) are to be provided to the contractor if known.

3. Condition of:

- a. Equipment grounds PASS FAIL Unknown N/A
- b. Temporary protective (personal) grounds PASS FAIL Unknown N/A
- c. Environment relating to safety (e.g. RF radiation from antennae) N/A

[Click here to enter text.](#)

4. 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 (e.g. abnormal switching conditions).

[Click here to enter text.](#)

Crew Leader/ Contractor Rep. Signature: