

## 01 51 13 | Temporary Electricity

This design guideline is written to the designer of record (DOR). This guideline is written to document UA standards of work, assist the designers in ensuring UA standards are incorporated into the contract documents and provide a resource to facilitate the design process. It is the designer of record's responsibility to coordinate the criteria set forth in these design guidelines and in conjunction with the manufacturer requirements and use the most stringent standard.

### A. General

Design documents shall include provisions for temporary power on all construction projects.

### B. Documentation

1. Design documents shall include complete requirements for the installation of temporary power as needed for construction equipment and for temporary offices for the contractor and UA personnel as required. Coordinate specific requirements with project manager. Documentation shall include a site plan indicating the source of power and all necessary circuits and equipment. Provide riser drawing and backboard details.
2. The origination point of temporary power shall be determined and coordinated with UA and/or Alabama Power Company as required, and documented on the temporary power plan.
3. Temporary power design shall include multiple power access points and provisions for relocation of temporary power as required by the scope of the project.
4. The temporary power plan shall include all provisions for complete installation and connection of temporary power to job site trailers.
5. The temporary power plan shall include provision for power to tower cranes and other anticipated large equipment.
6. The temporary power circuits shall be routed below grade or otherwise protected from damage.
7. The temporary power plan shall include provisions for temporary lighting as required for the project. The requirements for temporary lighting as described on the documents, but a specific layout is not necessarily needed unless specific requirements are warranted.
8. Specific requirements for connection to UA or Alabama Power Company systems shall be thoroughly indicated.

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