

17 TEMPORARY UTILITIES (SECTION 01510)

17.1 Part 1 General

17.1.1 Related Sections

Section 01555 - Site Facilities

Section 01560 - Temporary Controls

Section 01590 – Offices, Buildings and Facilities

Section 01700 - Contract Closeout

17.1.2 Temporary Electricity

- A. The Contractor shall make all arrangements with ADWEA and the Engineer.
- B. The Contractor shall provide all necessary equipment and pay all fees and expenses for the installation of a temporary electrical service to field offices and sheds.
- C. The Contractor shall provide the energy meter.
- D. Electrical service shall be of adequate capacity for all needs without overloading other facilities and shall be made available for power, lighting and operations of all trades throughout the contract period (including night-work and work done outside normal working hours if required).
- E. If a temporary supply is not possible, make alternative arrangements to provide and maintain a temporary electrical supply.
- F. The Contractor shall provide and maintain power distribution as required throughout the Works for power tools of all kinds and for temporary buildings.
- G. Termination of power distribution shall be at locations approved by Engineer.
- H. Termination shall be provided complete with circuit breakers, disconnect switches and other electrical devices as required to protect the power supply system.
- I. The Contractor shall complement existing power service capacity and characteristics as required.
- J. Permanent convenience receptacles may be utilized during construction with the prior approval of the Engineer.