

**MAJOR FUNCTION**

This is complex technical work involving the liaison and review of installed load control/load research (LC/LR) equipment and maintenance of field installed LC/LR devices, associated with the power line carrier system and the remote telephone research equipment. Work is performed under the general supervision of the Supervisor of Meter Operations and the work is reviewed through reports, conferences, observations, and by results obtained.

**ESSENTIAL AND OTHER IMPORTANT JOB DUTIES****Essential Duties**

Coordinates contractors' installation of load control/load research devices. Coordinates with contractors, Energy Services, System Control Center, Data Services, and the Relay Shop. Contacts customers related to the operation of the different programs offered by the City. Analyzes trouble complaints and where applicable, determines the liability of responsibility for repairs. Upgrades and/or modifies existing LC/LR equipment as a result of customer characteristic changes or manufacturer's equipment changes. Troubleshoots electromechanical, solid state or digital equipment utilized in metering and LC/LR areas. Installs low voltage electric conductors, conduits and interruptible switches/devices. Maintains extensive records associated with LC/LR and metering programs. Assists in training other personnel/contractors. Performs related work as required.

**Other Important Duties**

Performs related work as required.

**DESIRABLE QUALIFICATIONS****Knowledge, Abilities and Skills**

Considerable knowledge of complex controls and printed circuitry associated with a large variety of heating and air conditioning systems. Knowledge of all test equipment necessary to analyze and test heating and A/C systems, water heaters, swimming pool pumps, (volt/ohmmeter, amp meter, etc.). Knowledge of the basic operation of computers and computer equipment. Knowledge of a variety of electric revenue meters. Ability to read schematics and analyze wiring for the proper operation of all heating and air conditioning, water heaters, swimming pool pumps and any other equipment associated with LC/LR programs. Ability to install electric and control wiring. Ability to establish and maintain effective working relationships as necessitated by the work.

**Minimum Training and Experience**

Graduation from high school or an equivalent recognized certificate, supplemented by course work in central heating and A/C controls, both solid state and mechanical, for residential and commercial installation, and four years experience that includes the installation, maintenance and repair of central, residential/commercial, heating and A/C systems; or an equivalent combination of training and experience.

**Necessary Special Requirements**

Must possess a valid class "D" State driver's license at the time of appointment.

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02-16-90  
04-28-04\*