

Project Scope

- Facilities included the City Hall, Main Library, two branch libraries, and the Civic Auditorium.
- AEC commissioned energy efficient upgrades to the heating, ventilation, and air conditioning (HVAC) systems, and new DDC control systems.
- Systems were monitored during start-up by AEC using Fault Detection and Diagnostic equipment.

Benefits

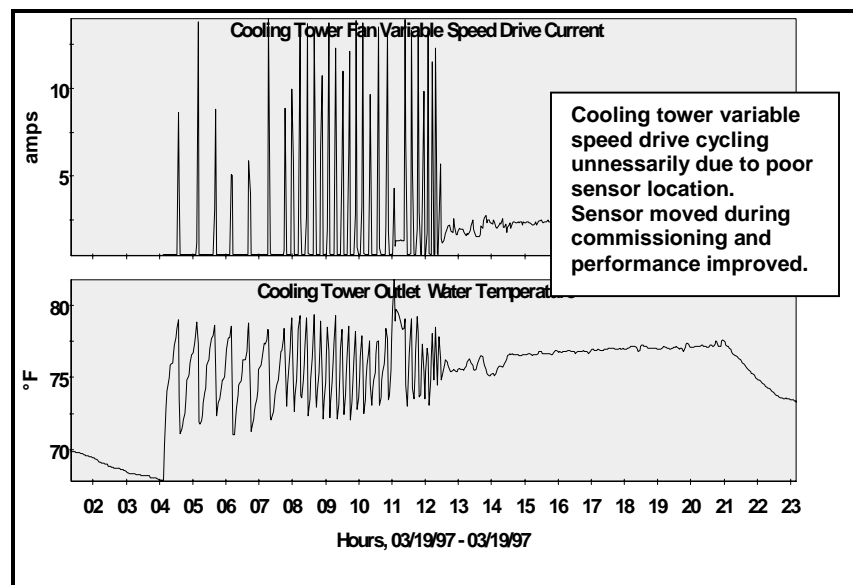
- Equipment and hardware/software deficiencies were resolved before final acceptance of project.
- Commissioning improved overall energy performance for energy services contract.
- Short term monitoring provided baseline documentation for future measurement and verification of energy savings.

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“Commissioning by AEC helped the City of Santa Monica achieve the goal of lowering energy and operating costs at their facilities, leaving more money for other city programs.”

Michael Holtz, AEC Principal



Architectural Energy Corporation (AEC) provided commissioning services to Edison ENVEST, an energy services company owned by Southern California Edison. As part of the energy service contract between ENVEST and their customer, AEC conducted commissioning of energy-efficiency upgrade measures. Seven buildings owned and operated by the City of Santa Monica were commissioned. New air handlers, chillers, boilers, DDC controls, and pumps were included in the scope of this project. Short-term diagnostic monitoring provided dynamic tuning of controls for efficient operation.