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FACTS ABOUT MODERNIZING LAX



CENTRAL UTILITY PLANT REPLACEMENT

■ PROJECT DESCRIPTION

This project will replace the 50-year-old, existing Central Utility Plant (CUP) with a more modern and more efficient facility to be located west of the LAX Theme Building, in the middle of the Central Terminal Area.

Project elements include:

- New facility and plant equipment, combustion gas turbines, heat recovery steam generators, cooling towers, water refrigeration/heating equipment, and ancillary pumps
- New maintenance shops and offices for plant personnel
- Replacement cooling/heating equipment in passenger terminals, Theme Building, and airport administration building, including a new facility controls system and centralized cooling/heating controls
- New 1.6 million gallon thermal energy storage tank



Preliminary architectural rendering of the new Central Utility Plant, with the FAA air traffic control tower and Theme Building in the background.

- New underground hot/cold water piping network to serve passenger terminals and other buildings
- Installation of a state-of-the-art computerized building information and management system for the entire Central Terminal Area. After the new CUP goes into service, the current facility will be demolished

■ TRAVELER BENEFITS

The new facility and systems will provide additional capacity for air conditioning, heating and lighting of the airline terminals and other airport buildings, which will enhance passenger comfort, and reliability of utility service and safety.

■ TRAVELER IMPACTS

All terminals, the Theme Building and the airport administration building will remain open to the public during construction. Traffic lane restrictions/closures will occasionally be required to redirect vehicular flow on the Lower/Arrivals Level. This complex construction project will occur without impacting day-to-day operations at LAX.

■ ENVIRONMENTAL ELEMENTS

In accordance with LAWA's Sustainable Design and Construction Guidelines, systems and their components for the new CUP are designed to achieve LEED® Silver certification from the U.S. Green Building Council. The new design will be approximately 25 percent more energy efficient than the current facility and will meet all current air quality regulations. The new CUP project will minimize adverse environmental impacts on surrounding areas, including, but not limited to:

- Recycling construction materials
- Placing concrete mixer and other equipment on site to reduce the number of trips construction vehicles must make to and from the site

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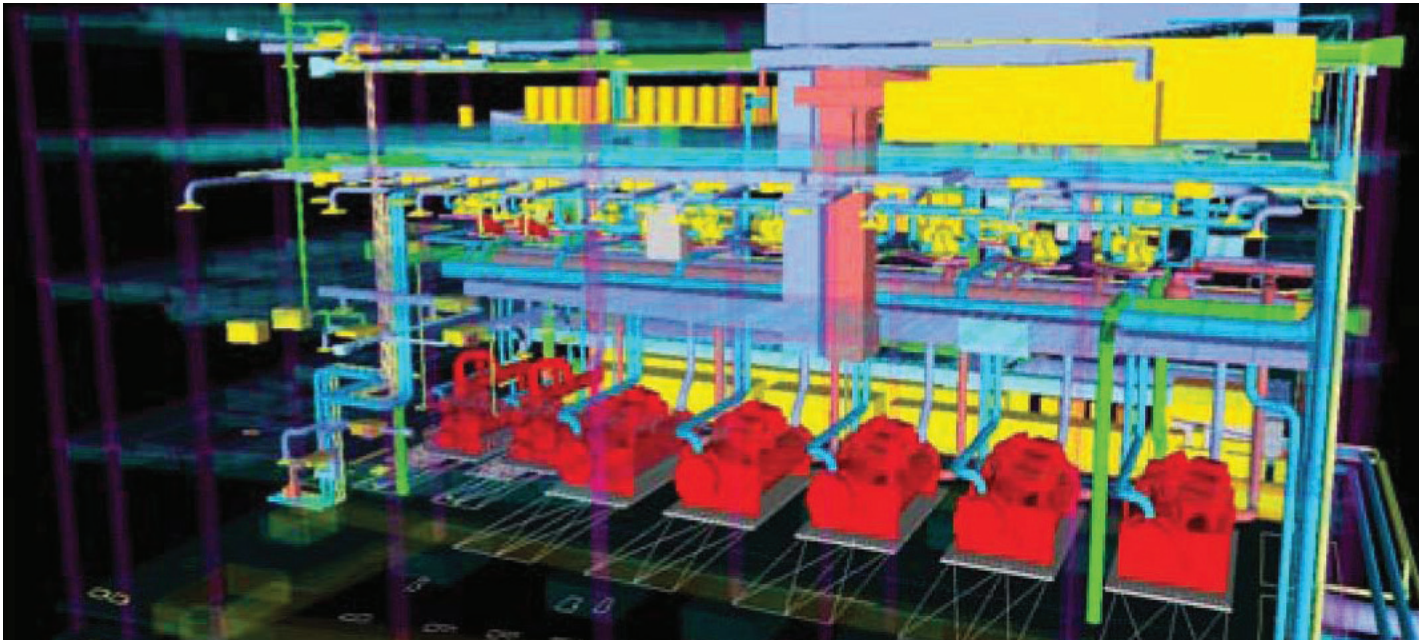


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Three-dimensional rendering of the future Central Utility Plant with new turbines, steam generators and other energy-efficient refrigeration/heating equipment.

- Designating specific routes that construction vehicles must use when traveling to and from the site
- Retrofitting construction equipment with emission-and noise-reduction devices
- Controlling dust

■ CONSTRUCTION DATES

February 11, 2011 – August 2013

Phase 1: CUP Facility and its major systems, as well as all piping and electricity distribution.

September 2013 – March 2015

Phase 2: Demolition of old CUP facility, construction of Thermal Energy storage tank, and new maintenance facilities.

■ COST AND FUNDING

Project costs are \$438 million with funding from the LAX Airport Revenue Fund and proceeds from revenue bonds

■ CONTRACTORS

Design Builder: Clark-McCarthy Joint Venture

Engineering: Arup