

# HARBOR SUBSTATION

Client: City of Anaheim  
Location: Anaheim, CA  
Product Type: Electrical Facility  
Services: Architecture



Harbor Substation is located near the Platinum Triangle and was built inside a building that blends with similar structures in the area. The facility improves the electric service reliability while providing additional power capacity to 15,000 customers in Central Anaheim.

The substation utilizes Gas Insulated Switchgear technology which enables equipment to have a much smaller footprint. The project includes one partially enclosed structure housing two power transformers with appropriate ventilation, fire wall and oil containment; one completely enclosed building holding the GIS/Metal Clad Switchgear, relays, control panels and capacitor banks; and two outdoor pad mounted SL&P transformers with ATS.



Due to the substation's proximity to Disneyland Resort, special provisions were required for the final design to control noise and hide all substation equipment from street and rooftop view. All incoming/outgoing electric lines to the substation were constructed underground to ensure the building remained aesthetically pleasing.