



CONSTELLATION PLACE

INSTALLED 2013

SIZE:
800,000 SQ FT

USE:
**COMMERCIAL OFFICE
PORTFOLIO**

LOCATION:
CENTURY CITY, CA

**AUTOMATED DEMAND
RESPONSE CAPACITY:**
1.1 MILLION KWH

Constellation Place in Century City, California is known for its progressive environmental efforts. It is the recipient of the BOMA 360 Performance Program Designation and is officially certified by the city of Los Angeles and state of California as a green business. In 2013, the nearly 800,000-square-foot building was ready for its next transformative energy efficiency upgrade.

With very efficient mechanical and EMS systems already in place, the addition of LOBOS EE (Energy Efficiency) was the obvious next step. Thanks to the LOBOS installation, the Constellation Place central plant daytime load now runs at 0.34 to 0.65 kilowatts per ton on most days, compared to 0.80 to more than 1.00 kilowatts per ton prior to LOBOS, an average reduction of 30-50 percent. The smaller nighttime loads have been seeing consistent energy efficiency improvements of 50 percent or more.

The upgrade is slated to reduce Constellation Place's annual energy use by more than 1.1 million kWh.



NEW LEVELS OF HVAC INTELLIGENCE

LOBOS brings never-before-seen levels of intelligent, efficient operation to commercial comfort systems. Before LOBOS, the basic operation of large-scale commercial HVAC systems hadn't changed in decades. Even with more efficient motors, pumps and drives and the addition of digital controls, HVAC systems being installed in 2013 operate pretty much the same way they did in 1972. LOBOS changes that.