

Location: **Los Angeles, California**

An eight building retrofit was completed at Hughes Space and Communications Co. The utility bill savings is expected to save the user \$752,461 per year. A total of 23,939 T8 replacement lamps and 10,255 ballasts were installed in one-to-four lamp configurations. D.R. Garret Summers, a Hughes engineer oversaw the project. "Due to our government work, about 30% of our facility is top secret. Many time the

installers worked under guard because of the sensitive nature of the equipment around them."

The unique design of Hughes' controlled areas, such as high-bay and space simulation laboratories, our technicians had to undergo special training to complete the installation.



Benefits:

- Reduced Lighting Expense up to 70%
- Improved Lighting Levels 10-50%
- Zero Maintenance Cost for 3 years
- High Return On Investment
- Programs Available with No Out of Pocket Cost

Howard Hughes formed the Hughes Space and Communications Company in 1961 as part of Hughes Aircraft from its earlier Space and Communications Group and the Hughes Space Systems Division.

Financial Highlights:

- Energy Utility Rebate \$217,625.
- Annual Electric Savings \$752,461.
- Annual kWh Reduced 5,698,318
- Payback Period 1.5 Years
- ROI: 75%