

Project Type

Campus

Size

10,000

Services Provided

Energy modeling, controls design and retrofit, and retro-commissioning of 17,000 ton central chiller plant. Post retrofit M&V showed actual energy performance was over \$250,000 per year.

Completion Date

1998

References

Reference: Lynn Guest,
(408)256-2830



IBM San Jose includes a twelve chiller plant with 17,000 tons, a 2,800 ton chiller replacement, primary-only distribution, and control optimization.

The HVAC system involves a twelve chiller plant with a primary-only chilled water distribution system. The project included a 2,800 ton replacement of two chillers and control optimization. The new chillers were selected through LCC optimization. After working with Taylor Engineering this project saved 6.5 GWH/yr of electrical energy.