

Uber Headquarters



Zehnder Radiant Ceiling Panels Are Installed For Energy Efficiency.

Uber Technologies' headquarters in San Francisco's Mission Bay district represents a bold leap forward in energy efficiency and sustainable design. The expansive 440,000 square foot facility, comprising Mission Bay 1 and 2 towers, was conceived with a rigorous commitment to energy economization. Central to this initiative was the integration of advanced building systems and technologies that collectively aim to reduce energy consumption by approximately 25%, translating to an annual savings of around 1,100,000 kWh. This ambitious target is achieved through a combination of state-of-the-art HVAC systems, intelligent building management, and passive design strategies.

A key feature of the energy efficiency strategy is the deployment of Zehnder's chilled radiant ceiling panels and an underfloor air-distribution system. The chilled radiant ceiling panels provide localized cooling, maintaining thermal uniformity and enhancing comfort by regulating temperatures closer to skin levels. The underfloor air-distribution system complements this by supplying fresh air directly to occupants, ensuring optimal air quality and comfort. These systems are powered by dual-temperature chilled water loops with magnetic bearing chillers and variable speed cooling towers, which are optimized through full water-side economizing. Additionally, the building features high-efficiency condensing boilers that maximize heating efficiency by recovering latent heat from flue gases.

The building's design also includes several passive strategies that contribute to its energy savings. The two interconnected atria act as a double-skin façade system, significantly reducing thermal loads on the building's south and west facades. The use of high-performance glazing and automated shading further minimizes heat gain and glare. This holistic approach, supported by an integrated Building Management System (BMS) and advanced energy modeling, ensures that Uber's Mission Bay campus not only meets but exceeds contemporary energy performance standards, setting a new benchmark for sustainable workplace design.

Year Completed

- 2021

Property

- 440,000 square feet

Architect

- AlfaTech Consulting
- Quezada Architecture
- SHoP Architects

Sustainability

- LEED Gold
- WELL Silver



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